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Map Case

UNITED STATES

# EXPLORING EXPEDITION.

DURING THE YEARS

1838, 1839, 1840, 1841, 1842.

UNDER THE COMMAND OF

CHARLES WILKES, U. S. N.

---

# ATLAS

# OF CHARTS. VOL. II.

FROM THE

SURVEYS OF THE EXPEDITION.

BY AUTHORITY OF CONGRESS.

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# CHART
OF
# PHŒNIX GROUP
BY THE
# U.S.Ex.Ex.
# 1840.41.

*Direction and Strength of Current*
*Vincennes*
*Peacock*

MARY BALCOUT I.

ENDERBURYS I.

BIRNIES I.

SIDNEY I.?

HULLS I.

Mc KEAN'S I.

GARDNERS I.

*Track of the U.S.Ship Vincennes 1840.*

*Track of the U.S.Ship Peacock 1841.*

*Track of the U.S.Ship Vincennes 1840.*

174 173 172 171 W.

3°8

4

5

Price 75 Cents

# SWAINS ISLAND

BY THE

**U.S. Ex. Ex.**

1841

Var. 8° 30' E.

W.N.W. — N.W½N. Breakers

11° 10' S

55' — 170° 50' — 170° 55' Longitude W. from Greenwich — 170° 50

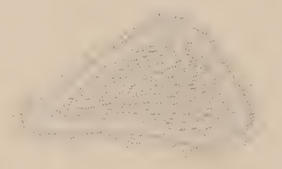
# JARVIS'S ISLAND

BY THE

**U.S. Ex. Ex.**

1841

Var. 5° 30' E.



0° 20' S — 25' — 150° 30 Longitude W. from Greenwich

# BIRNIES ISLAND

PHOENIX GROUP

BY THE

**U.S. Ex. Ex.**

1841

Var. 7.14. E.

3° 35' S — 171° 40' — 171° 40' Longitude W. from Greenwich

# HYDERBURY'S ISLAND

PHOENIX GROUP

BY THE

**U.S. Ex. Ex.**

1841

Var. 7 1/4 E.

3° 05' S — 171° 15' — 171° 15' Longitude W. from Greenwich

# HULL'S ISLAND

PHOENIX GROUP

BY THE

**U.S. Ex. Ex.**

1841

Var. 7° 45' E.

Price 13 Cents

1° 30' S — 172° 20' — 172° 20' Longitude W. from Greenwich

N.W. by W½W. — 2 Miles distant — Breakers N.W. by N½N

# NEW-YORK OR WASHINGTON ISLAND

BY THE

**U.S. Ex. Ex.**

1841

Var. 5° 00' E.

1° 10' N — 160° 10' — 160° 10' Longitude W. from Greenwich

Engd by Sherman & Smith N.Y.

10' 5' 171° 00' 20'

L A G O O N

VILLAGE

# FAKAAFO
OR
# BOWDITCH ISLAND
BY THE
## U.S. Ex. Ex.
1841

Var. 6° 30' E.

N by W ½ W

N

VILLAGE
4 miles distant

9° 25' S

171° 10' 5' 171° 00' Longitude W. from Greenwich 20'

# NUKU-NONO
OR
# DUKE OF CLARENCE ISLAND
BY THE
## U.S. Ex. Ex.
1841

Var. 6° E

L A G O O N

9° 10' S

UNITED STATES EXPLORING EXPEDITION
Price 13 Cents

171° 10' Longitude W. from Greenwich

172° 25' 20'

W by S ½ S W S W

L A G O O N

8° 10' S

# OAVÁFU
OR
# DUKE OF YORK ISLAND
BY THE
## U.S. Ex. Ex.
1841

Var. 6° 30' E

172° 25' Longitude W. from Greenwich 20'

Engd by Sherman & Smith N.Y.

179° 20′

8° 30′ S

40′

LAGOON

APPARENT PASSAGE

FUNAFUTI
OR
ELLICES ISLAND
BY THE
U. S. Ex. Ex.
1841

Var. 7.05 E.

179° 20′ Longitude E. of Greenwich

178° 30′

50′

8° S

10′

NUKUFETAU
OR
DE PEYSTERS ISLAND
BY THE
U. S. Ex. Ex.
1841

Var. 7.05 E.

LAGOON

10 12½ 20 16
Sandy bottom

178° 30′ Longitude E. of Greenwich

178° 179° 180°

OAITUPU OR TRACY I. Not Surveyd

NUKUFETAU OR DE PEYSTERS I. LAGOON

ELLICES GROUP
BY THE
U. S. Ex. Ex.
1841

Var. 7.05 E.

FUNAFUTI OR ELLICES I. LAGOON

8° S

Var. 13 Eastr.

178° Longitude E. of Greenwich 179° 180°

Eng.by Sherman & Smith N.Y.

167° 30′ 40′

11° 20′ N.

Lalo Pt.

Sand Bank

Entrance

Dowsette Islet

Wallis Islet

Sand Bank

Entrance

Sand Bank

Sand Bank

Browns Islet

Nutu Pt.

# BIGNI
OR
# PESCADORES ISLAND
BY THE
## U.S.Ex.Ex.
## 1841.

Variation 10°.00′.00″.E.

167° 30′ *Longitude E. from Greenwich* 40′

166° 30′ 167°

11° 30′

# RADOGALA
AND
# KORSAKOFF ISLANDS
BY THE
## U.S.Ex.Ex.
## 1841.

Variation 10°.00′.00″.E.

R A D O G A L A I.

Kuni Islet

Sand spit

Sand spit

Tufa Islet

Entrance

Rimsky Islet

Sifo Pt.

K O R S A K O F F I.

Entrance

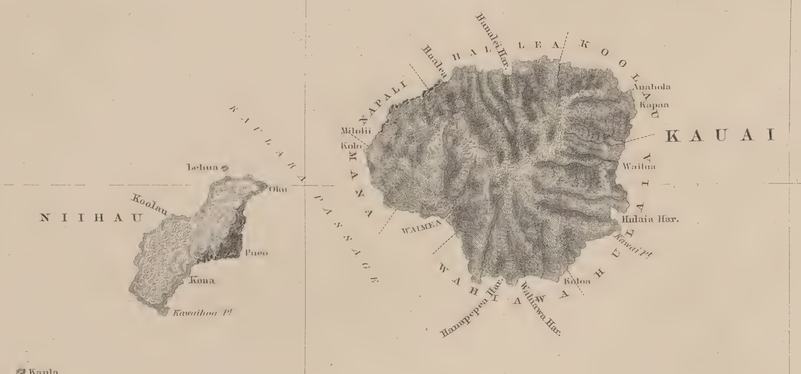
Knox Islet

11°

UNITED STATES NAVY
Price 25 Cents

166° 30′ 167° *Longitude E. from Greenwich*

# MAP
OF
# HAWAIIAN GROUP
OR
# SANDWICH ISLANDS
BY THE
# U.S.Ex.Ex.
1841.


NIIHAU
Kaula
Lehua
Kaalaa
Pueo
Kona
Kumukoa Pt
KAUAI
Hanalei Bay
Anahola
Koloa
Waitua
Wainiha
Waimea
Nohili
Kukui
Hanapepe Bay
Waimea Bay
Nawiliwili Bay
Hanamaulu
Kipu
Kaumuali
Kaiwi Channel
Waialeale
Kaala
Waianae
Waianae Pt
Kaena Pt
Kahuku Pt
Waimea
Waialua
Honolulu
Waikiki
Diamond Head
Barbers Pt
Ewa
Pearl R.
Honouliuli
Waiawa
Halawa
Koolau
Kaneohe
Kaneohe Bay
Mokapu
Mokapu Pt
Kaimuloa Pt
OAHU
Kalaupapa
Kalawao
Kalaupapa Pt
Kalaeo Pt
Kalaniana
MOLOKAI
Halawa
Kalaeo
Kaluaha
Pailolo
Kaiwi Channel
Kaa
Pt Kaena
Lanai
Kaahai
Pt Kamaiki
LANAI
Naalii
Lahaina
Lahaina
Kaiwi Channel
Kalihikaiku
Kaiwi Channel
Kahului
Wailuku
Iao Valley
Waihee
Kaanapali
Honokowai
Honokahua
Honolua
Honolua Bay
Honokohau
Honokohau Bay
Kahakuloa
Kahakuloa Head
Waihee
Waiehu
Kihei
Makena
Makena Bay
Kaupo
Kaupo Gap
Kaupo
Kahikinui
Manawainui Gap
Haleakala
Koolau Gap
Keanae
Wailuanui
Wailuaiki
Hana
Hana Bay
Waianapanapa
Kaihiu Pt
Kaihiu
Kaupo
Kaupo Bay
Kahikinui
Kaupo Gap
Manawainui Gap

# MAP
OF
## Part of the Island of
# HAWAII
SANDWICH ISLANDS
## SHEWING THE CRATERS AND ERUPTION
OF
MAY AND JUNE 1840.
*BY THE*
## U.S.Ex.Ex.
1841

155°

19° 50' N.

OLD LAVA PLAIN

MAUNA KEA

Kailaua

Kapapahu

Kaalaiki

Kaalaiki

Kaalaiki

Sand
Gravel & Coral
Fine Sand
Sand
Sand & Rock
Sand
Black Sand
Sticky
Soft Mud
Soft Mud
Soft Mud
Soft Mud
Hard
Hard
Hard Sand
Soft Mud
Sand
Sand
Sand
Soft
Soft
Hard
Vincennes
Cocoanut Island
Obs 2
Pt. Cocoanut
Town of Hilo
Observatory 1
Observatory 3
Kings Fish Pond
Waiakea
Reef
Coral reef
Waiakea
Bay
Wailuku

# CHART

of the

# HARBOUR OF WAIAKEA,

*ISLAND OF HAWAII.*

Surveyed by the

*U. S. Ex. Ex.*

**1841.**

1000 2000 3000

*Scale 1000 Feet to the Inch.*

Observatory 1 { Lat. 19° 43′ 51″ N.
Long. 155° 03′ 06″ W.
Var. 8° 50′ E.

Price 75 Cents

Engraved by J. Knight, Philad.ª

83

## GARDINER'S OR KEMINS ISLAND

PHENIX GROUP

BY THE

**U.S.Ex.Ex.**

1840.

| | | | | |
|---|---|---|---|---|
| *Centre* | Lat. | 4° | 37′ | 42″ S. |
| | Lon. | 174 | 40 | 53 W. |
| | Var. | 7 | 35 | 00 E. |

Scale of two miles

## FLINT'S ISLAND

BY THE

**U.S.Ex.Ex.**

1841.

| | | | | |
|---|---|---|---|---|
| *Centre* | Lat. | 11° | 25′ | 43″ S. |
| | Lon. | 151 | 48 | 00 W. |
| | Var. | 6 | 00 | 00 E. |

Scale of two miles

## Mc KEANS ISLAND

PHENIX GROUP

BY THE

**U.S.Ex.Ex.**

1840.

| | | | | |
|---|---|---|---|---|
| *Centre* | Lat. | 3° | 35′ | 10″ S. |
| | Lon. | 174 | 17 | 26 W. |
| | Var. | 7 | 35 | 00 E. |

Scale of one mile

## MARO REEF

BY THE

**U.S.Ex.Ex.**

1841.

| | | | | |
|---|---|---|---|---|
| *N.E.Pt.* | Lat. | 25° | 21′ | 00″ N. |
| | Lon. | 170 | 31 | 30 W. |
| | Var. | 14 | 00 | 00 E. |

Scale of three miles.

## LAHAINA ROADS

ISLAND OF MAUI

BY THE

**U.S.Ex.Ex.**

1841.

| | | | | |
|---|---|---|---|---|
| *Fort.* | 20° | 51′ | 50″ | N. |
| | 156 | 39 | 41 | W. |
| | 8 | 15 | 00 | E. |

Scale of two miles.

UNITED STATES NEW YORK
Price 13 Cents

# WAHIAWA HARBOUR

SOHTH SIDE OF

## KAUAI

HAWAIIAN GROUP

BY THE

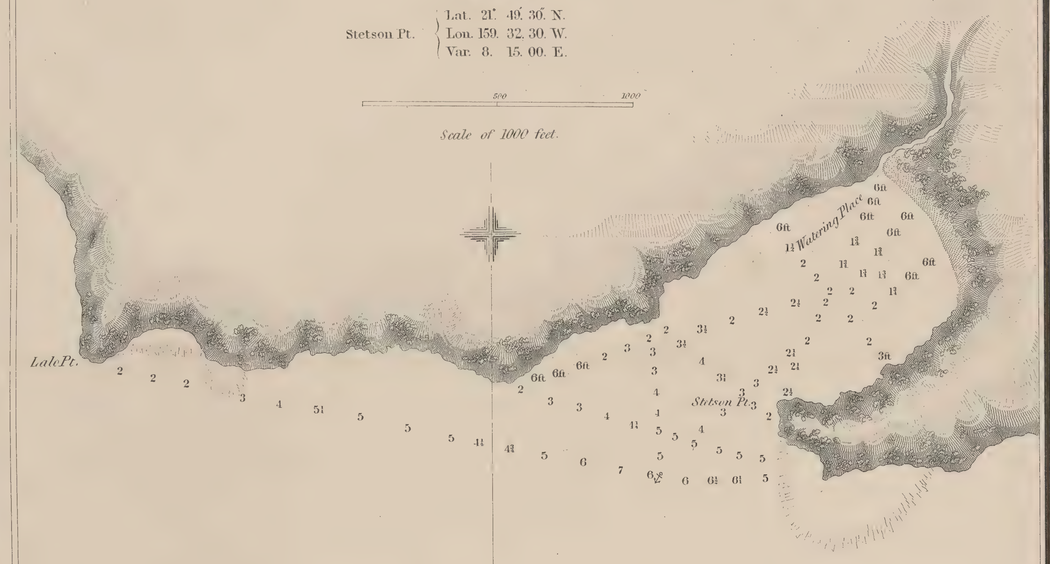
## U.S.Ex.Ex.

1840.

Stetson Pt. { Lat. 21° 49. 30. N. / Lon. 159. 32. 30. W. / Var. 8. 15. 00. E.

500 1000

*Scale of 1000 feet.*




# WAIMEA BAY

SOUTHWEST SIDE OF

## KAUAI

HAWAIIAN GROUP

BY THE

## U.S.Ex.Ex.

1840.

Russian Fort. { Lat. 21° 56.00. N. / Lon. 159. 42. 41. W. / Var. 8. 15. 00. E.

*Scale of one mile.*

# KANEOHE HARBOUR

NORTH SIDE OF

## OAHU

HAWAIIAN GROUP

BY THE

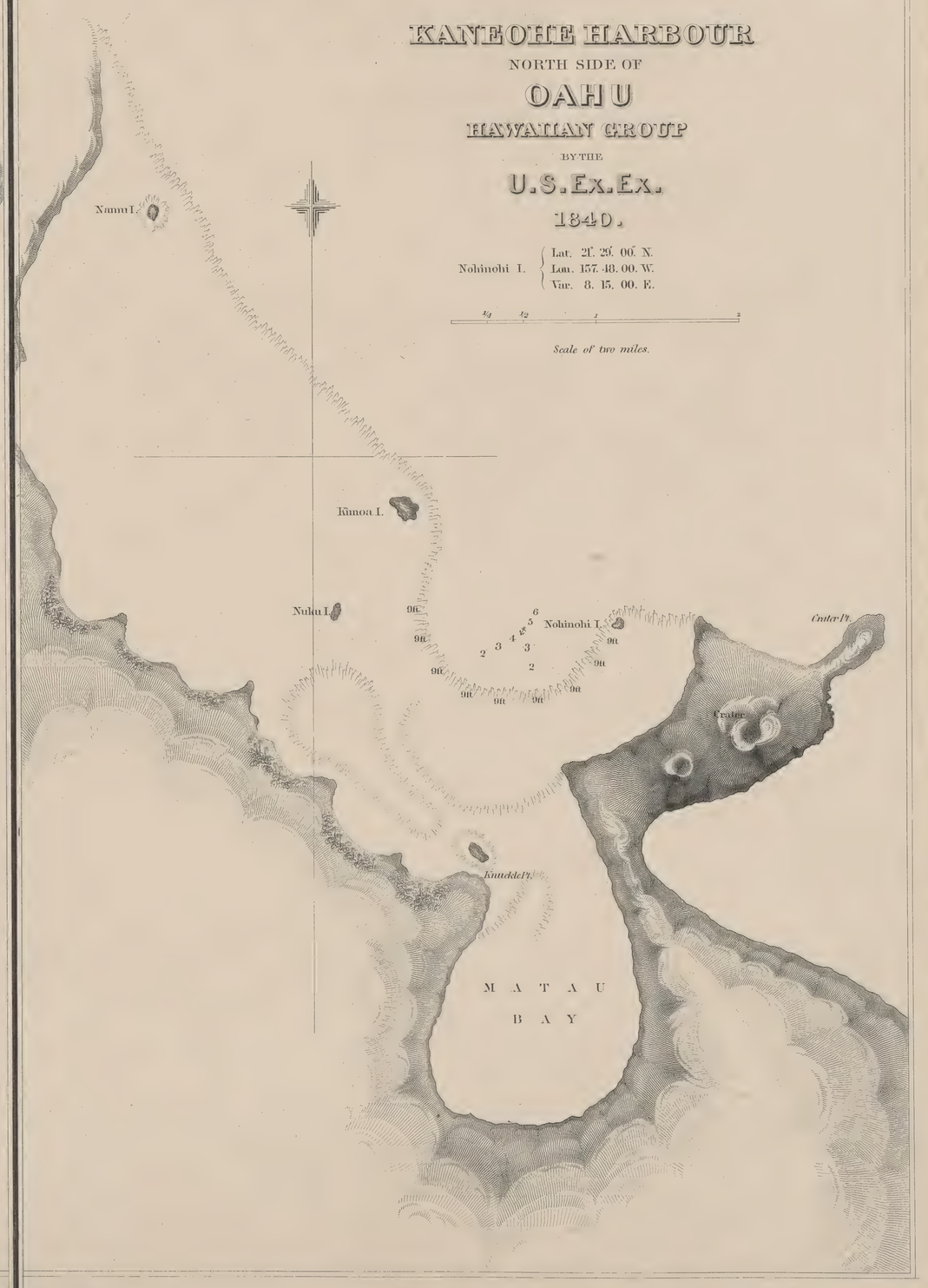
## U.S.Ex.Ex.

1840.

Nohinohi I. { Lat. 21° 29. 00. N. / Lon. 157. 48. 00. W. / Var. 8. 15. 00. E.

¼ ½ 1 2

*Scale of two miles.*




# HULAIA HARBOUR

EAST END OF

## KAUAI

HAWAIIAN GROUP

BY THE

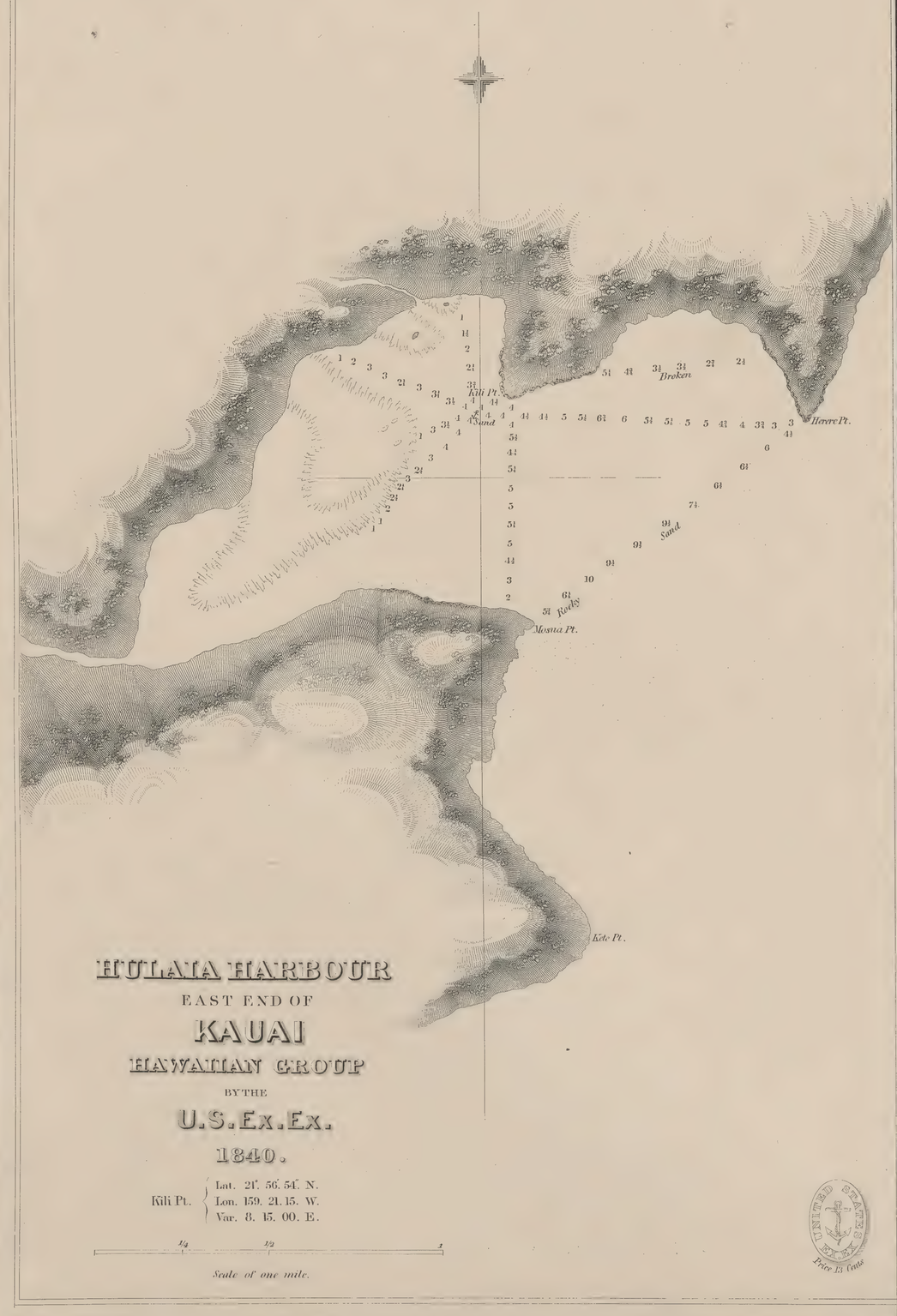
## U.S.Ex.Ex.

1840.

Kili Pt. { Lat. 21° 56. 54. N. / Lon. 159. 21. 15. W. / Var. 8. 15. 00. E.

¼ ½ 1

*Scale of one mile.*




UNITED STATES EXPLORING EXPEDITION
Price 13 Cents

# HARBOUR OF EWA OR PEARL RIVER ISLAND OF OAHU HAWAIIAN ISLANDS BY THE U.S.Ex.Ex. 1840.

Hammer Point { Lat. 21 20 02 N. / Lon. 157 59 33 W. / Var. 8 15 00 E.

1000 2000 4000
Scale of 4000 feet.

Oyster Neck
Clerk Pt.
Bishops Pt.
Sand Spit
Hammer Pt.
Salt Works
Meeting Point
Poi Village
Coral Reef
Coral Reef

# HARBOUR OF HONOLULU ISLAND OF OAHU HAWAIIAN ISLANDS BY THE U.S.Ex.Ex. 1840.

Observatory { Lat. 21 18 40 N. / Lon. 157 52 15 W. / Var. 8 15 00 E.

Pond
Kings fish Pond
Market
Market Wharf
Frenches Wharf
Robinsons Wharf
Fort
Observatory
Tomb of the Kings
Burial Ground
Buoy
mud
Dry at low water
Town Point
1000 2000
Scale of 2000 feet.
Sand & Coral
Middle Ground
Outer Buoy
Coral Reef

# SOUTH SIDE OF THE ISLAND OF OAHU HAWAIIAN ISLANDS SHEWING THE HARBOURS OF HONOLULU AND EWA OR PEARL RIVER BY THE U.S.Ex.Ex. 1840.

1 2
Scale of 2 Miles

EWA OR PEARL RIVER
Oyster Neck
Clerk Pt.
Bishops Pt.
Hammer Pt.
Salt Works
Meeting Point
Poi Village
Built Tongue Pt.
Chrysalis I.
Coral Reef
Pongo Village
Village
Block House
Mamala Channel
HONOLULU
Punch Bowl
Pond
Kings fish Pond
Fort
Town Point
Dry at low water
Coral Reef

Price 13 Cents

# COLUMBIA RIVER

REDUCED FROM A SURVEY

MADE BY THE

U. S. Ex. Ex.

1841.

Scale of 30 Miles

5 10 15 30

The Columbia for several miles above and below John Days River is filled with Rocks and Rapids.

The River rises at the Dalles in June during the melting of the Snow in the mountains 62 feet perpendicular over the Winter level.

Wall Island and the Country from the Dalles to 5 miles above John Days River is Volcanic.

This is the last tree for 50 miles above the great forks.

Here the Indians have recorded their principal events for many years.

The Cascade range of Mountains is the Eastern boundary of tillable land.

Here it generally blows a gale in Summer up the River.

PACIFIC OCEAN

WASHINGTON or Q. CHARLOTTE I.

QUEEN CHARLOTTES SOUND

VANCOUVER ISLAND

NEW CALEDONIA

CARRIER INDIANS

TAKALI

NOOTKA Sd

STRAITS OF JUAN DE FUCA

GULF of GEORGIA

CHICKEELES

COWLITZ

CHINOOK

KILLAMOOKE

CALAPUYA

UMPQUA

SHASTE

CALAMS

NISQUALLY

Fr VANCOUVER

Fr LANGLEY

Fr ALEXANDRIA

Fr CHILLCOATEN

Fr GEORGE

Fr ST. JAMES

Fr SIMPSON

Fr WALLA WALLA

Fr ORFORD

Fr ST. GEORGE

Mc LEODS Fr and Lake

Mt HOOD

Mt St HELENS

Mt OLYMPUS

Mt SHASTE

Mt Mc LAUGHLIN

Mt JEFFERSON

Mt BAKER

ASTORIA

Columbia R.

Willamette River

Multnomah I.

Deer I.

Cowlitz River

Cowlitz Farm

Mt Coffin

Walkers I.

Gull I.

Oak Pt

Diggs Pt

Katalamet I.

Katalamet Pt

Pillar R.

Grays Pt

Grays B.

Tongue Pt

Youngs R.

Pt Ellice

Chenook Pt

M. Mission

Pt Adams

S. Breaker

Cape Disappointment

Kilamuke Head

Pillar Rock

Perpendicular Rocks like the walls of an old Crater

Saddle Peak

Grave Rocks

Profile Rock

Rotten Pine Stumps

CASCADES

EASTERN BOUNDARY OF FOREST LAND

Raspberry I.

Indian Village

Head of Navigation

Castle Rock

Lower Cape Horn

Castle Sinclair

Point Vancouver

Obelisk

Eveks R.

Quicheers R.

Dairy

Falls

Clackamus R.

Pudding R.

Champooing

Catholic Mission

M. Mission

Methodist Mission

Warrior Branch

Dairy

Sand drift I.

Quicamils R.

Sand I.

Indian Village on this I.

Longreach Elbow

Hieroglyphic Rocks

Pebble I.

Sherry or Echo I.

John Days R.

Rocks & Rapids

Channel Rock

Wall I.

Tilly or Shades R.

Ogdens Tree

Indian Village DALLES

Nicultata or Wishram village 400 Inds here

Methodist Mission

First drifting sand

Upper Cape Horn

Dead I.

Callatatas R.

Rowena R.

Indians

Windmill Rock

Grand Rapids

Indian Village

Umatilla or Utilla R.

Grand I.

Indians Lava Hill

Yakima R.

South Fork

Walla Walla R.

Goat I.

Indian Village

Fr Walla Walla

C. de Huzon

Port Cordova

Pt de Nieve

C. de Flores

C. Northumberland

C. Fox

L. de Zayas

DIXONS ENTRANCE

Pt North

Ya de Langara

Pt Frederick

Pt Rose

Browns Passage

Stephens I.

Pt Pearce

Nasse Har.

Fr Simpson

Pt Mosketyne

Port Essington

Pt Lambert

Port George

Hippa I.

CARTWRIGHTS Sd

Pt Luck

ENGLEFIELD BAY

Cape Henry

Ya de Bonilla

GUAISHOHAWS Sd

Magees Sd

Rowans

Port Ucah

Rosses Surges

Cape St James

PITTS I.

Grenville Canal

Canal de Principe

BANKS I.

Nepean Sd

Fraser's Royal I.

Pt Hopkins

Salmon R.

Pt Stanhope

Gardiners Canal

Gardners R.

Muscle Canal

Poison Cove

Cascade Canal

Wreaks Canal

Pt Day

Milbanke Sd

C. Swain

Pt McLaughlin

KING'S I.

Fitzhugh Sd

Pt Menzies

Bentincks Arm

Restoration Bay

Pt Edmund

Rascals Vill.

Fitzhugh Sd

Rivers Canal

Pearl Rocks

Virgin Rocks

C. Caution

Smiths Inlet

Nootka I.

C. Scott

BROUGHTONS ARCH.

Pt Boyds Entrance

Knights Canal

Calls Canal

Fort Neville

Pt Chatham

Woody Pt

Pt Sarah

Salmon Harbour

Pt Marshall

Gardners Canal

Nootka Sd

Pt Breakers

Pt St Rafael

Clayoquot Sd

Boca de Sawadres

I. de Feron

Bocas de Sn Bonifacio

Boca de Canavera

Nitinat Sd

Duncans Rocks

Cape Flattery

Flattery Rocks

Pt Angeles

Port Discovery

Destruction Island

Pt Grenville

Pt Brown

Grays Harbour

Pt Chickeetes

Shoalwater B.

C. Disappointment

Columbia River

Pt Adams

Kilamuke Bay

C. Lookout

C. Perpetua

Cape Foulweather

Cape Blanco

Port Orford

Coquille R.

Rowes B.

Umpqua R.

Mackenzies Fork

Rogues River

Illinois R.

Smiths R.

Pt St George

Crescent City

Redding Rock

Trinidad

Humboldt Bay

Cape Mendocino

Klamet R.

Klamet Lake

Pugets Sd

Meth. Mission

Fr Nisqually

Cowlitz Farm

Mission

Seattle R.

Mt St Helens

Vancouver R.

Meth. Mission

Fr VANCOUVER

Mission

Cascades

Falls

Mission

Blackamus R.

Champooing

Nawaggah R.

Meth. Mission

Paddeboy R.

Mission

Nehas R.

Williamette River

Sandeham R.

Celeste R.

R. Coupe

Mackenzies Fork

Umpqua R.

Rowes B.

Coquille R.

Rogues River

Illinois R.

Smiths R.

Klamet R.

Redding Rock

Trinidad

Humboldt Bay

Cape Mendocino

Mt Shaste

Sacramento R.

Mt Mc Laughlin

Klamet Lake

Pt St George

Crescent City

Pt Orford

Cape Blanco

Pt Gonzale

Whidbey I.

Bellingham Bay

Birch Bay

Fraser's R.

Fr Langley

Burrards Inlet

Howes Sound

Pt Grey

Yeo de Leveille

Gulf of Georgia

Harris Canal

Yaseho L.

Stuarts River

Fr George

Salmon R.

Quaw L.

Stella

Frasers Fort

Fr St James

Stuarts Lake

Mc Leods Fr and Lake

L. de Francois

Fr Simpson

Nasse Har.

Nechaco R.

Where Messrs Fraser and Stuart left their Canoes going down

Bridge R.

Mauvais Roche

Large Camp de marcy Fish

Mauvais Roche

Rocher Rouge

Chilcoaten R.

Fr Chilcoaten

Fr Alexandria

Deserters R.

Quesnells L.

Fr Alexandria

Sir A. Mc Kenzies Track

West Road R.

Yaseho L.

Stuarts River

Fr George

Salmon R.

Pt Hopkins

Gardiners Canal

Muscle Canal

Poison Cove

Cascade Canal

Wreaks Canal

Rascals Vill.

Pt Day

Milbanke Sd

Pt Mc Laughlin

KINGS I.

Fitzhugh Sd

Pt Menzies

Bentincks Arm

Restoration Bay

Pt Edmund

Fitzhugh Sd

Rivers Canal

Pearl Rocks

Virgin Rocks

C. Caution

Smiths Inlet

Nootka I.

C. Scott

BROUGHTONS ARCH.

Pt Boyds Entrance

Knights Canal

Calls Canal

Fort Neville

Pt Chatham

Woody Pt

Pt Sarah

Salmon Harbour

Pt Marshall

Gardners Canal

Harris Canal

Nootka Sd

Pt Breakers

Pt St Rafael

Clayoquot Sd

Boca de Sawadres

I. de Feron

Bocas de Sn Bonifacio

Boca de Canavera

Nitinat Sd

Duncans Rocks

Cape Flattery

Flattery Rocks

Pt Angeles

Port Discovery

Destruction Island

Pt Grenville

Pt Brown

Grays Harbour

Pt Chickeetes

Shoalwater B.

C. Disappointment

Columbia River

Pt Adams

Kilamuke Bay

C. Lookout

C. Perpetua

Cape Foulweather

Cape Blanco

Port Orford

Coquille R.

Rowes B.

Umpqua R.

Mackenzies Fork

Rogues River

Illinois R.

Smiths R.

Pt St George

Crescent City

# MAP
## OF THE
# OREGON TERRITORY
## BY THE
## U. S. Ex. Ex.
CHARLES WILKES Esqr.
COMMANDER.
**1841.**

5 25 50 100
Scale of 100 Geographical Miles.

5 25 50 100
Scale of 100 Statute Miles.

**NOTE**

*The Northern part of this Map contains the latest information of the Hudson Bay Company, and the Eastern part, that of Lieut. Fremonts U.S.T.E. Exploration on the Eastern side of the Rocky Mountains.*

*This Country is extremely Rocky and rough, the Rivers running through Cliff Rocks.*

Eng. by Geo. E. Sherman, assisted by O. J. Stuart, N.Y.

# MAP
## OF THE
# OREGON TERRITORY
BY THE
## U. S. Ex. Ex.
CHARLES WILKES ESQR.
COMMANDER.
## 1841.

Scale of 200 Geographical Miles.

Scale of 300 Statute Miles.

NOTE

The Northern part of this Map contains the latest information of the Hudson Bay Company, and the Eastern part, that of Lieut. Fremonts U.S.T.E. Exploration on the Eastern side of the Rocky Mountains.

## COLUMBIA RIVER
REDUCED FROM A SURVEY
MADE BY THE
U. S. Ex. Ex.
1841.

Scale of 10 Miles

Engr. by Jas. D. Hartman, assisted by H. A. Evans, N.Y.

GRAYS BAY

Mud

Burnie Point

Kutzale Pt.

Elokomin R.

Elokomin R.

KUTZULE

BAY

Mud

Lower Flats

Upper Flats

Upper Sand

Tongue Point

Mud

SWAN

BAY

Mud

Mud

Swan Creek

ASTORIA

Var. 18° 41' 08" E.

*The soundings within the dotted lines are in feet.*

*Yellow Bluff*

*Red Bluff*

*Rock Point*

*Pare Bluff*

*Bee Pt.*

*Eagle Pt.*

*Black Stump*

*The Swash*

*Dead Tree*

Pillar Rock

*Little Finger*

Mud

Mud

*Katalamet Head*

# SHEET No. 2.

OF

# COLUMBIA RIVER

FROM

## ASTORIA TO KATALAMET HEAD

BY THE

## U. S. Ex. Ex.

## 1841.

Scale of 6000 feet

Price 25 Cents

Engraved by W. H. Dougal.

The soundings within the dotted lines are in feet.

KUTZULE BAY

GRAYS BAY

Mud

Kutzule Pt.

Burnie Point

Elk Co. Land Pt.

Rockland Pt.

Yellow Bluff

Red Bluff

Rock Point

Pillar Rock

Deep Water

Eagle Pt.

Black Stump

Bee Pt.

Dead Tree

The Swash

Little Finger

Tongue Point

Upper Sand

Lower Flats

Upper

Middle Channel

SWAN BAY

ASTORIA

Storm Field

Rockland Point

DISAPPOINTMENT ISLAND

TERMINATION

# SHEET No2.

OF

# COLUMBIA RIVER

FROM

ASTORIA TO KATALAMET HEAD

BY THE

U. S. Ex. Ex.

1841.

Scale of 6000 feet.

Engraved by W.H.Bridport

Var. 19° 41' E.

Pierce Creek

Oluman Creek

Fishery

Sand

Willow Pt.

Capsize I.

Rogue Islet

Sunday Pt.

KATALAMET I.

Eagle Pt.

The Swash

Kanehanet Head

Framboise Bluff

# SHEET No. 3.

OF

# COLUMBIA RIVER

BY THE

## U. S. Ex. Ex.

## 1841.

Scale of 6000 feet.

Bag I.

Cottonwood Pt.

Bells Bluff

Basaltic Cliffs

SAHALEE

CHEHALEM

Yamh Pt.

KINTSHOTSHI.

Natsoxrun

Kilo creek

Atahi Creek

Price 25 Cents

P U G E T S I .

Lolitwa Head

Stuizi I.

Bag I.

Cottonwood Pt.

H E A D K I N T S H O T S H

Basaltic Cliffs

Oak Point

Weagus I.

Wala Pt.

G U L L I S L A N D

Plumondon I.

Var. 19° 41' E.

P R A I R I E

# SHEET No. 3.

OF

# COLUMBIA RIVER

BY THE

## U. S. Ex. Ex.

1841.

Scale of 6000 feet.

Variation 19° 30' E.

Tansy Creek

Fisher's Sand

Willow Pt.

Capsize I.

Eagle Pt.

The Swash

Rocky Point

Rogue Islet

Sunday Pt.

Framboise Bluff

Tahkanum Creek

Cathlamet

Puget Island

Cathlamet Bay

Bay I.

Stazi I.

Cottonwood Pt.

Wapato I.

Oak Point

Wala Pt.

Plamondon I.

Basaltic Cliffs

Bells Bluff

Yama Pt.

Kalama Creek

Atahi Creek

PLUMONDON I.

WALKER S I.

Waldrous Bluff

Var. 18° 41' E.

KANEMI.

Fishery

Millad R.

Pitshik Pt.

Coffin Rock

Holms Pt.

Lalla Islets

SANDY

Lat a p l B l u f f

SHE

COLUMB

BY

U. S.

18

Scale

T No.4.

F

# IA RIVER

THE

Ex. Ex.

41.

4000 6000

6000 feet.

Coffin

P R A I R I E

COWLITZ R.

Tameys I.

Kanem I.

Var. 19° 41 E.

N R E A C H

Smoke R.

SMOKE I.

PRAIRIE I.

Browns Pt.

Porpoise Shoal

Kalama Creek

R I.

SHEET No. 4.

OF

# COLUMBIA RIVER

BY THE

U. S. Ex. Ex.

1841.

Scale of 6000 feet.

Swan Island

Nut Islets

Warrior Pt.

Wapautoo Branch, or Lower Mouth of the Willamette.

Wyeth Bluff

Jolie Idée Creek

Ramseys I.

Klackatack Village

Dominis Pt.

Variation 18° 41' E.

SHE

COLUMB

BY

U. S. E

18

Scale of

T No. 5.

# IA RIVER

HE

X. Ex.

41.

4000 6000

000 feet.

Var. 18° 41' E.

Pigeon Creek

PASAIUKS I.

Calipasa Inlet

MIDDLE-NOMAII ISLAND

Ramseys I.

VANCOUVER

Caschaves Pt.

TOMTSONS I.

WILLAMETTE R.

SAN JUAN ISLAND

SAN JOSE I.

Discovery Passage

Admiralty Inlet

Port Townsend

Port Discovery

Dungeness Spit

New Dungeness

Protection I.

Smith I.

Whidbey I.

Strait of Juan de Fuca

SHEET No. 5.

OF

# COLUMBIA RIVER

BY THE

U. S. Ex. Ex.

1841.

Scale of 600 feet.

VANCOUVER FARM

McLaughlins Pt.

Kanaka I.

Flour Mill

Saw Mill

SMITHS I.

dry bed

R O M E R

Everts R.

FROST I.

BACHELET I.

Palle Creek

Mitchells Pt.

Pt Broughton

Var. 18° 0' E.

SHEE

OF

COLUMBI

BY T

U. S. E

18

2000

Scale of

UNITED STATES COAST SURVEY

Price 25 Cents

Var. 18° 47' E.

DOUGLASS I.

SANDY I.

FROST I.

T No. 6.

A RIVER

E

x. Ex.

ll.

4000 6000

00 feet.

Cape Horn

Natural Wharf

Grist I'd.

Obelisk

Square Rock

VANCOUVER I.

SHEET No. 6.

OF

# COLUMBIA RIVER

BY THE

U. S. Ex. Ex.

1841.

Scale of 6000 feet.

VANCOUVER FARM

McLaughlins Pt.

Kanaka I.

Flour Mill

Saw Mill

Var. 18° 41' E.

SMITHS B.

Dry Inl.

R O M E R I.

SAUVIES I.

D O U G L A S S I.

F R O S T I.

Lewis R.

FROST I.

BACHELET I.

Belle Trees

Pt. Broughton

Lambert R.

Var. 18° 41' E.

VANCOUVER I.

Obelisk

Square Rock

Cape Horn

Natural Wharf

Grist Pt.

SHEE

O

# COLUMBI

BY T

U. S. E

18

2000

Scale of

LONG I.

Rounding Pt.

Cascade

Stony Pt.

Cascade

COLUMBIA RIVER

Tansons I.

Var. 19 48' E.

Clay Bluff

MEHOWI

North Pt.

Encampment Pt.

Wapauto Branch

WILLAMET

AND

WAPAUTO

OR LOWER W

BY TH

U. S. E

184

2000

Scale of 6

WAPAUTO BRANCH OR LOW

Wyeth Bluff

Var. 19 48' E.

UNITED STATES WORKS

Price 25 Cents

T No.7.

# IA RIVER

E

X. Ex.

41.

4000 6000

6000 feet.

Castle Rock

H O L M E S I

E L D I

Raspberry I.

Rapids

R A P I D S

Rocky Pt.

Sandy Pt.

Parling Pt.

Observatory Pt.

Mill Race

Cascade

Var. 16° 11' E.

Var. 20° 55' E.

# TTE RIVER

## BRANCH

## LLAMETTE

E :

X. Ex.

1.

4000 6000

00 feet.

E R W I L L A M E T T E

ISLANDS

Gordons Pt.

Encampment Pt.

North Pt.

Falls

SHEET No. 7.

OF

# COLUMBIA RIVER

BY THE

U. S. Ex. Ex.

1841.

Scale of 6000 feet.

LONG I.

Castle Rock

HOLMES I.

FIELD I.

Raspberry I.

MILL Race

Boarding Pr.

Rocky Pr.

Sandy Pr.

Observatory Pr.

Cascade

Var. 19° 30' E.

# WILLAMETTE RIVER

AND

# WAPAUTO BRANCH

OR LOWER WILLAMETTE

BY THE

U. S. Ex. Ex.

1841.

Scale of 6000 feet.

COLUMBIA RIVER

Var. 19° 15' E.

Clear Bluff

WILLOW R.

AMAZON

OAK

Wapauto Branch

Encampment Pr.

Graylane Pr.

Var. 20° 25' E.

WAPAUTO BRANCH OR LOWER WILLAMETTE

Var. 19° 30' E.

# CHICKEELES RIVER

Boston Hills

Scale of Miles.

# GRAYS HARBOUR

## OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

1841.

USELESS BAY

mud

mud

mud

Bare at low water

Neals Rock

Brackenridges Bluff

Spar Pt.

Bare at low water

Bare at low water

Bare at low water

Village

Point Brown

North Breaker

ENTRANCE

South Breaker

Eld's I.

Colvos Bank

Joe's Bank

Chickeeles Pt.

De Harros Gault

Fraser Cr.

Traitors Islet

Sopun Inlet

Stearns Bluff

Gilleam Hill

Salmon Creek

Village

Williams Prairie

CHICKEELES RIVER

Bullock Grove

Note — *The Soundings are in feet.*

| | | | | |
|---|---|---|---|---|
| Chickeeles Pt. | Lat. | 46° | 55′ | 30″ N. |
| | Long. | 124° | 11′ | 30″ W. |
| | Var. | 21° | 23′ | 00″ E. |

Scale of Miles.

Sherman & Smith

30′

124′

Makomelt Pt.

Kaset Rk.

ST. JUAN HAR.

Quadra Pt.

Scatter Isles

Duncan Rock

Tatooch I.

North Pt.

SCARBOROUGH HAR.

NEAH I.

CAPE FLATTERY

Village

Village Pt.

Sail Rock Pt.

Sail Rock

Bird Rock

Fishery Rocks

Queen Hithe Pt.

48° N

Var. 22° 30′ E.

V A N C O U V E R

S T R A I T S O F

J U A N D E F U C A

P E N I N S U L A

C A P E F L A T T E R Y

30′

124° Long W from Greenwich

# STRAITS

OF

# JUAN DE FUCA

## OREGON TERRITORY.

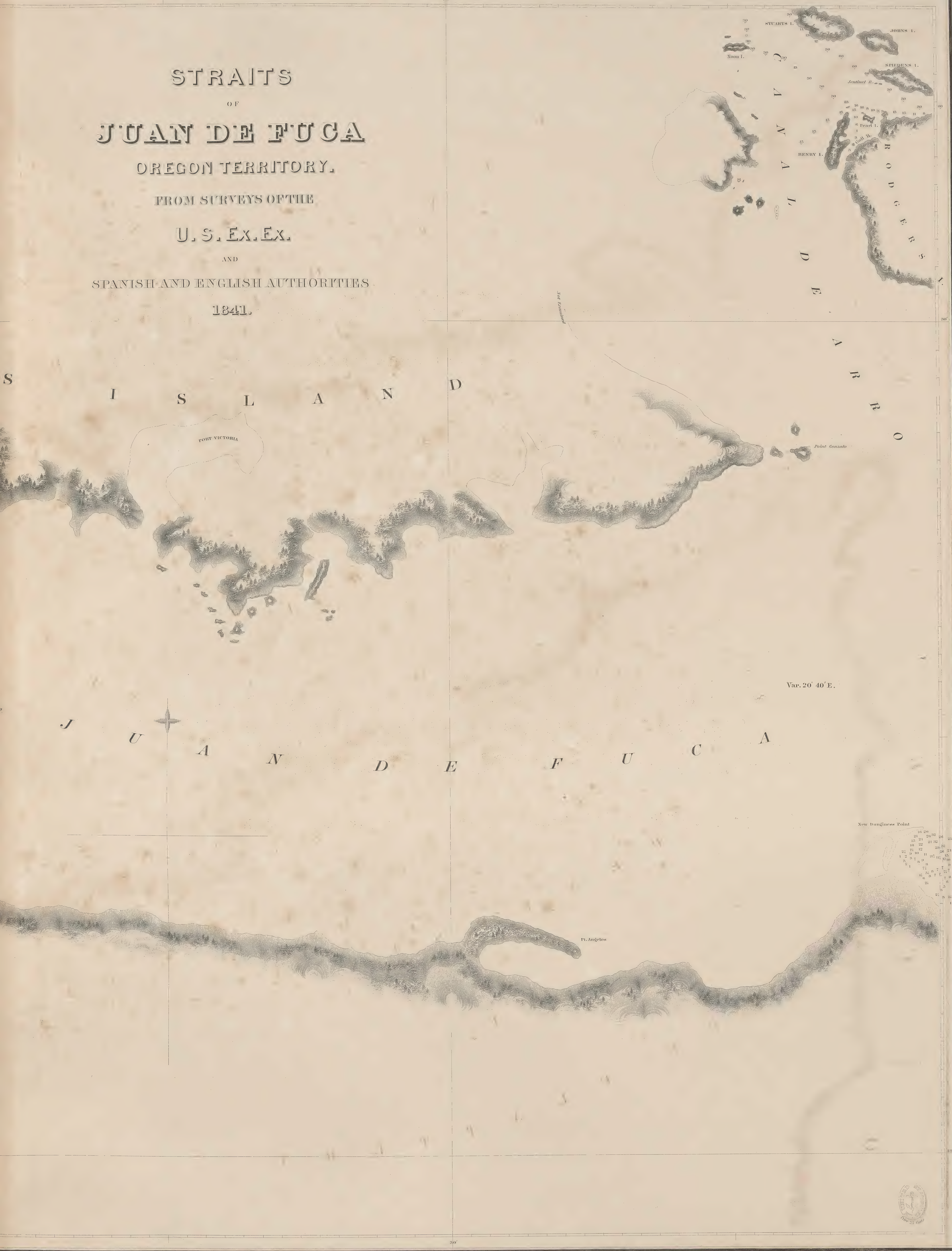
FROM SURVEYS OF THE

## U. S. Ex. Ex.

AND

SPANISH AND ENGLISH AUTHORITIES

1841.



# STRAITS
OF
# JUAN DE FUCA
OREGON TERRITORY.

FROM SURVEYS OF THE

U. S. Ex. Ex.

AND

SPANISH AND ENGLISH AUTHORITIES

1841.

Var. 22° 30' E.

Var. 20° 40' E.

Cape Flattery

Tatoosh I.

North Pt.

Neah I.

Village Pt.

Salt Rock Pt.

Salt Rock

Bird Rock

Duncan Rock

Fisherey Rocks

Queets Hills Pt.

Hollanch Pt.

Klaoot Hk.

St. John Har.

Quoddy Pt.

Point Victoria

Protet Gonzalo

Pt. Angeles

New Dungeness Point

Stuarts I.

Johns I.

Nous I.

Spieden's I.

Scotland I.

Henry I.

Patos I.

Saturna I.

Strait of Juan de Fuca

Vancouver Island

Admiralty Inlet

Gulf of Georgia

Strait of Juan de Fuca

Ocean

Peninsula

Cape Flattery

Ocean

Lt.t Long.e W. from Greenwich

123 Longitude W. of Greenwich

49

Point Roberts

DRAYTONS BAY

Tongue Pt

BIRCH BAY

Pt Whitehorn

GULF OF GEORGIA

Bells Chain

Tumbow I.

JAVA HEAD

East Point

Gourd I.

PERCIVAL GROUP

Edmunds Group

Douglas I.

Skip Jack It

Gordon I.

Adolphus I.

Pt Hammond

Parkers Rock

Pt Thompson

Pt Doughty

Freemans I.

WASHINGTON I.

Barnes I.

Clarks I.

Sisters

STUARTS I.

Pt Disney

JOHNS I.

SPIEDENS I.

Flat top I.

Sentinel Rocks

Pritz Pt

Mt Constitution

Pt Lawrence

HUTTS ISLAND

IRONBOUND BAY

GUERRIERE BAY

Morse I.

Pearl I.

HENRY I.

Gull R.

O'Neil I.

JONES I.

Rock

SHAWS I.

Pt Lloyd

Obstruction I.

Rocks

BLAKELY I.

Brooms I.

Rhodes I.

Rhodes Bay

Sandy Pt

Pt Migley

MAGELLAN ISLAND

Pt Frances

Rocks

Pt Carter

Elizas I.

Pea Pod Rocks

Hit Rocks

SINCLAIRS I.

Rocks

YENDOVI I.

Cone Hill

Cone It

Clarks Pt

PENDLETON HARBOUR

Jacks I.

Pt William

BELLINGHAM BAY

CHANNEL

Hantbay I.

Hantbay Bay

ARCHIPELAGO

OF

# ARRO,

## GULF OF GEORGIA,

## RINGGOLDS CHANNEL

AND

## STRAITS OF FUCA

## OREGON TERRITORY.

BY THE

## U.S.Ex.Ex.

1841.

NORTH CHANNEL

Pt McLeods

Sand and mud partially dry at low water

Coeitchen Village

Coeitchen Peak

North Bluff

Pt Wright

Low and Marshy

Sand and mud partially dry at low water

Pitt R

Sumass R

Pt Langley

FRASERS RIVER

Lat. 49° 07' 45" N.
Lon. 123° 08' 57" W.
Var. 21° 14' 41" E.

Scale of Miles

STRAITS OF FUCA

CANAL

ISLAND

SOOKE

OSBORN

LITTLE RACCOON PASSAGE

CHATHAM PT.

MACEDONIAN CRESCENT

DISCOVERY I.

Frost I.

James I.

Bird Rocks

BURROWS I.

ALLANS I.

Williamson Rocks

Gonzales Islets

Pt Gonzalo

Watmaugh Head

Pt Galsbury

RINGGOLD I.

Mt Eric

PERRYS I.

DECEPTION PASSAGE

Hope I.

LAWRENCE I.

Pt Dennet

Pt Colnett

Kalamut I.

Dungeness Bay

Pt Williams

Point Partridge

Red Bluff

Point Wilson

PROTECTION I.

East Bluff

West Bluff

Sandy Pt

Watering Place

Village

New Dungeness Pt

NEW DUNGENESS ROADS

DICKERSON PENINSULA

PORT TOWNSEND

Pt Hudson

Pt Carrol

Pt Leavett

Pt Lowell

Rocky Point

East Point

HOLMES HARBOR

PORT SUSAN

N. DONOUGHS ISLAND

SCATCHETS

Pt Allen

Sandy Pt

GEDNEYS I.

BLUNTS I.

Lip lip Pt.

Tried Pt.

Water Village

48

123° Longitude W. of Greenwich

122° 30'

30

123° Longitude W. of Greenwich

49°

30'

48°

122° 30'

# ARCHIPELAGO OF ARRO, GULF OF GEORGIA, RINGGOLDS CHANNEL AND STRAITS OF FUCA OREGON TERRITORY.

BY THE

## U.S.Ex.Ex.

1841.

### FRASERS RIVER

Lat. 49° 07' 46" N.
Lon. 123° 08' 57" W.
Var. 21° 14' 41" E.

Scale of Miles

NORTH CHANNEL

Pt McLeods

Sand and mud partially dry at low water

Gwitchen Village

North Bluff

Gwitchen Creek

Gwitchen Peak

Pilchuk

Low and Marshy

Sand and mud partially dry at low water

Hatzic R.

Stave R.

Pitt R.

Pt Langley

DRAYTONS BAY

Tongue Pt

Point Roberts

Pt Whitehorn

GULF OF GEORGIA

Bells Chain

Tumbow I.

JAVA HEAD

East Point

Gourd I.

PERCIVAL GROUP

Edmunds Group

Sandy Pt

Pt Migley

Douglas I.

Skip Jack Pt

Gordon I.

Adolphus I.

Pt Hammond

Parkers Rock

Pt Thompson

Pt Doughty

WALDRONS I.

Freemans I.

Barnes I.

Clarks I.

Sisters

STUARTS I.

Pt Disney

JOHNS I.

SPIEDENS I.

Flat top I.

Fritz Pt

Sentinel Rocks

Morses I.

Pearl I.

Gull R.

HENRY I.

JONES I.

O'Neal I.

Rocks

Obstruction I.

Cone Hill

Cone I.

Clarks Pt

Jacks I.

Pt William

PENGUIN HARBOUR

VENDOVI I.

SINCLAIRS I.

Pt Frances

Pt Garter

Elizas I.

Fern Pod Rocks

Viti Rocks

Pt Lawrence

Mt Constitution

HUTCHINSON I.

GUERRIERE BAY

IRONSIDE I.

Rocks

Rocks

Mt LAUGHLANS ISLAND

BELLINGHAM BAY

RODGERS PASSAGE

SHAWS I.

Browns I.

Pt Salsbury

Frost I.

BREAKELY I.

Pt Lloyd

PROLIFIC STRAITS

Rambay I.

STRAWBERRY BAY

CENTRE I.

The Boilers

James I.

Bird Rocks

BURROWS I.

Young I.

ALLANS I.

Williamson Rocks

Pt Sares

Mt Erie

LAWRENCE I.

DECEPTION PASSAGE

Rock

Hope I.

Pt Partridge

Point Partridge

Watmaugh Head

Greene Islets

Pt Gonzalo

STRAITS OF FUCA

BLUNTS I.

Reef

Pt Migley

Pt Partridge

Pt Dennett

Kalamut I.

Pt Polnell

Pt Lowell

Rocky Point

East Point

Pt Allen

Smith Pt

GEDNEYS I.

PORT SUSAN

MACDONOUGH ISLAND

SCATCHET S.

Red Bluff

Point Wilson

Pt Hudson

Pt Carroll

Sandy Pt

Watering Place

North Bluff

East Bluff

PROTECTION I.

DICKERSON PENINSULA

PORT TOWNSEND

BUDD INLET

Pt Leavett

Pt Capt

Pt Gibson

Lit tip Pt

Water Village

NEW DUNGINESS ROADS

New Dungeness Pt

Quarantine Place

Village

Watering Place

Scale 20 Miles

48

SCATCHETS

Hope Id.

Hope Island

PORT GARDNER

GEDNEY I.

POSSESSION SOUND

Point Elliott

HSIKOHAN

PORT SUSAN

Mc DONOUGH'S ISLAND

Point Allen

Sandy Pt

SCATCHETS

Scatchet Head

Indian Pt

deep water

Pt Edmund

Wells

deep water

West Pt

ELLIOTT BAY

Pt Roberts

Pt Lowell

East Point

USELESS BAY

Point no Point

Pt Jefferson

Apple Cove Pt

Flats Cove

HOLMES HARBOR

Rocky Pt

WHIDBYS ISLAND

Arkels Pt

Squamish Head

SUQUAMISH

POINT GAMBLE

Pt Hannon

Pt Pully

BAINBRIDGE I.

PORT MADISON

Eagle Harbor

Pt Monroe

Port Blakely

Pt Bowles

PORT ORCHARD

Pt Herron

Pt Leowell

Grt Breakwater

Ariel Pt

Lip lip Pt

CRANEY'S

KILISUT HARBOUR

PENINSULA

Pt Hudson

Gate Pt

PORT TOWNSEND

LAWRENCE PORT

Pt Gibbs Rks

Pt Bolton

Pt Gibbs

PORT LUDLOW

Tala Pt

Termination Pt

HADLOCK

SQUAMISH HARBOUR

South Pt

Pt Julia

Pt Jefferson

Pt Monroe

Suquamish Pt

Pt Bolton

DICKERSON PENINSULA

PORT DISCOVERY

Point Hudson

East Bluff

North Bluff

Cape Pt

DABOB BAY

Tibbals Pt

Tibbals Pt

Tibbals Pt

Nakatamp Pt

Skunk Pt

COLVOS PASSAGE

HARBOUR

Pt Madison

Pt Bolton

Pt Herron

Point Pully

South Pt

Point Pt

Pt Julia

DIES INLET

BUDDS HARBOUR

Marrow Point

125 Long. W. of Greenwich

49

# CHART
OF
# ADMIRALTY INLET,
# PUGET SOUND,
AND
# HOODS CANAL,
## OREGON TERRITORY
BY THE
## U.S. Ex. Ex.
1841.

O R

G R E A T P E N I N S U L A

S O U N D I A N

H O O D S C A N A L

S O C O M I S H S

P U G E T S O U N D

A D M I R A L T Y I N L E T

C O L V O S S A S H O N S I.

M A U R Y I.

B A R R O S B A Y

C O M M E N C E M E N T B A Y

H E A L E Y ' S P A S S A G E

M c N E I L I.

A N D E R S O N I.

D E S C H U T E S R.

N I S Q U A L L Y R.

T O T T E N I N L E T

H A R S T E N E I.

K E L L U M S I.

B L A K E I.

D E C A T U R I.

Stretch I.

Days I.

Hartstene Pt.

Admiralty Head

Point Wilson

Point Partridge

Point Hudson

Point Townsend

Port Discovery

Protection Island

Dungeness Spit

Dungeness

Smith's I.

Point Angeles

Tatoosh I.

Cape Flattery

Port Angeles

Port Discovery

Port Townsend

Port Gamble

Port Madison

Port Orchard

Port Blakely

Port Ludlow

Port Williams

Port Southworth

Port Beals

Port Polly

Port Pitter

Port Robinson

Port Richardson

Port Defiance

Port Harris

Port Gibson

Port Orchard

Port Madison

Port Gamble

Point No Point

Point Monroe

Point Jefferson

Point Pully

Point Wilkinson

Point Bolin

Point Glover

Point Partridge

Point Hudson

Point Wilson

Point Townsend

Point Hartstene

Point Protection

Point Wilkinson

Point Pully

123° Long. W. of Greenwich

30'

46'

36'

43

# CHART
OF
# ADMIRALTY INLET,
# PUGET SOUND,
AND
# HOODS CANAL,
## OREGON TERRITORY
BY THE
## U.S. Ex. Ex.
1841.

123° Long. W. of Greenwich

30'

18

HARTSTENE I.

HAMMERSLEY INLET

TOTTEN INLET

ELDS INLET

BUDD INLET

DANA PASSAGE

PASSAGE I.

Salom Pt.

Cook Pt.

HOPE I.

Sandy Pt.

Camp Pt.

Cooper Pt.

Browns Pt.

Priest Pt.

Pt. Wilson

Boom Shoal

Dickerson Pt.

Ward Pts.

Brisco Pt.

WEPUSEC INLET

Swantown

FALLS

Plane of reference

INDIAN PENINSULA

SOUTH END

Mc NEIL I.

BRACKENRIDGE PASSAGE

FOX I.

Samoa Pt.

Meahalt Pt.

PIT R

Pt. Gibson

Hyde Pt.

Tolmie Shoal

Kasa Pt.

TITUS I

BAY

Tye Pt.

Ned

Pepper Corns

Tom

Otso Pt.

Yoman Pt.

Moody Pt.

Park Pt.

Pt Trible.

ANDERSON I.

ORO BAY

Qulam Pt.

KETRON I.

Tatsolo Pt.

Turka Pt.

NISQUALLY

Kwartz Pt.

Tisa Pt.

NISQUALLY RIVER

# CHART
OF
# PUGET SOUND
ITS
# INLETS AND ANCHORAGES
BY THE
# U. S. Ex. Ex.
# 1841.

Scale of Miles.

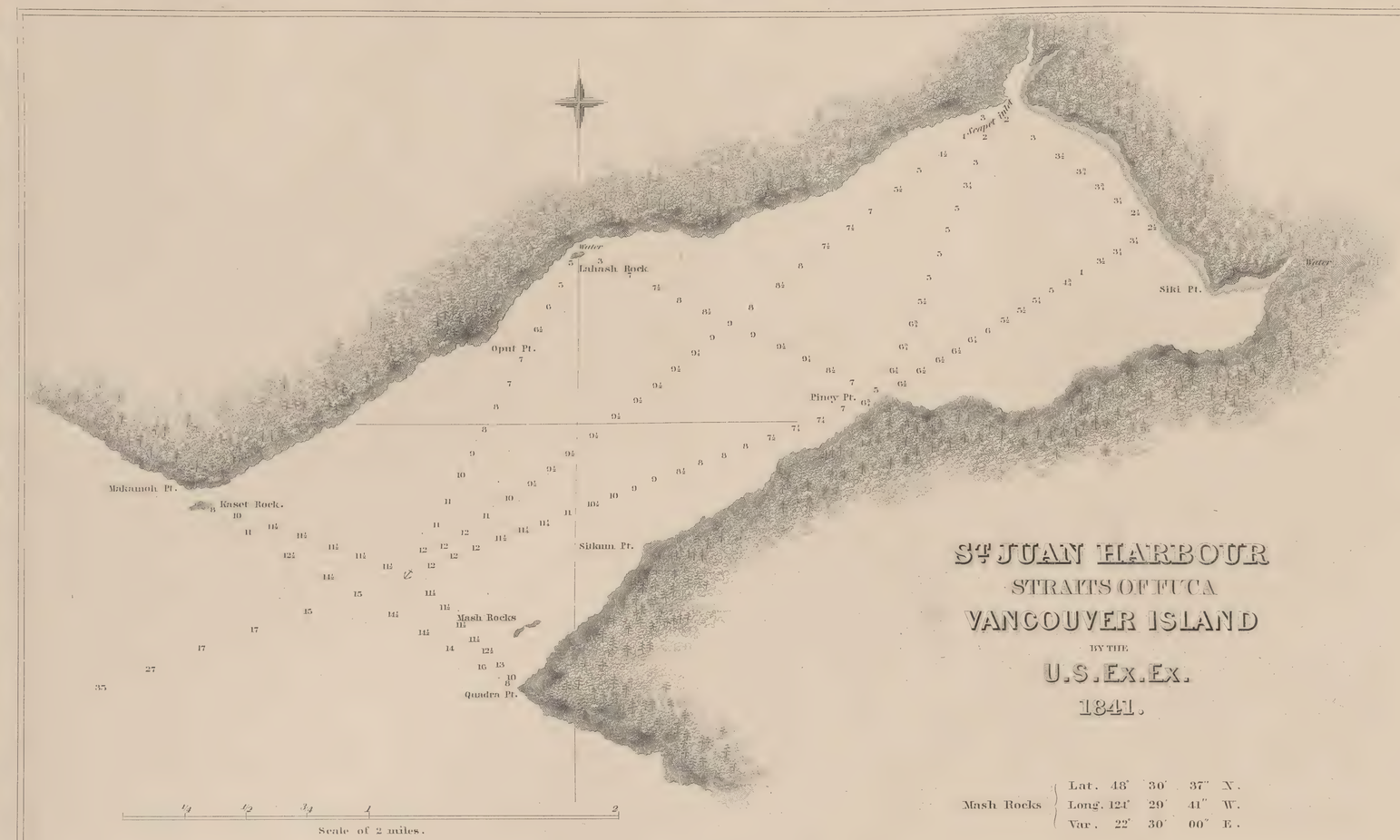
1 0 1 2 3 Miles.

Variation 22°.28'. 40". E.

# CHART
OF
# PUGET SOUND
ITS
# INLETS AND ANCHORAGES
BY THE
# U. S. Ex. Ex.
# 1841.

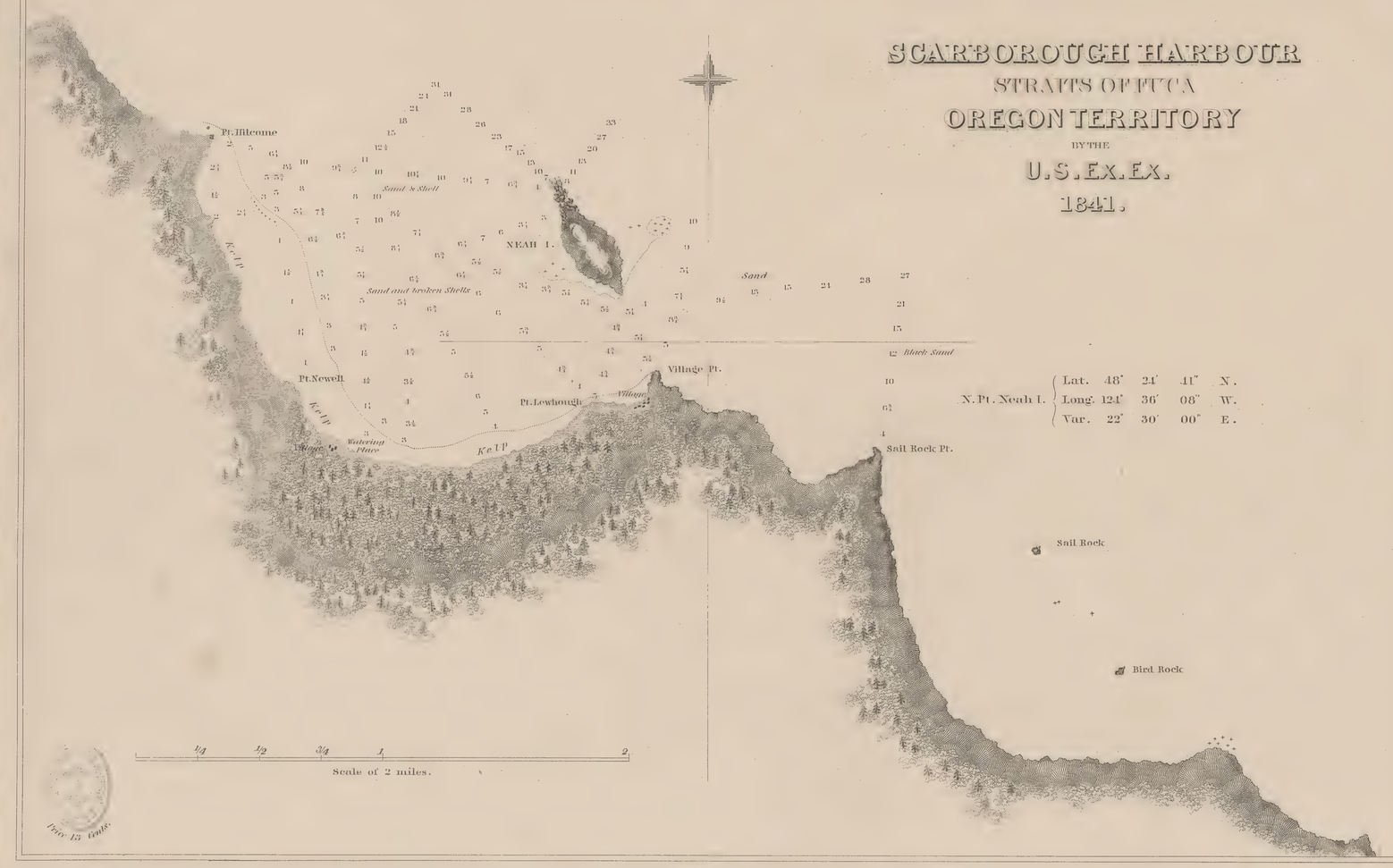
Scale of Miles.

Variation 22°28' 40" E.




# ST JUAN HARBOUR
STRAITS OF FUCA
VANCOUVER ISLAND
BY THE
U.S.Ex.Ex.
1841.

| | | | | |
|---|---|---|---|---|
| Mush Rocks | Lat. | 48° | 30′ | 37″ N. |
| | Long. | 124° | 29′ | 41″ W. |
| | Var. | 22° | 30′ | 00″ E. |




# SCARBOROUGH HARBOUR
STRAITS OF FUCA
OREGON TERRITORY
BY THE
U.S.Ex.Ex.
1841.

| | | | | |
|---|---|---|---|---|
| N.Pt. Neah I. | Lat. | 48° | 24′ | 41″ N. |
| | Long. | 124° | 36′ | 08″ W. |
| | Var. | 22° | 30′ | 00″ E. |

# PORT DISCOVERY
STRAITS OF FUCA
OREGON TERRITORY
by the
U.S.Ex.Ex.
1841.

| | | | | |
|---|---|---|---|---|
| Carrs Pt. | Lat. | 48° | 03′ | 16″ N. |
| | Long. | 122° | 50′ | 45″ W. |
| | Var. | 20° | 40′ | 00″ E. |



Sherman & Smith.

PROTECTION ISLAND

ENTRANCE to PORT DISCOVERY

North Bluff

New Dunginess Point

Violet Pt.

Dairy Bluff

Kanem Pt.

Kulo Point Pt.

Sawash Bluff

Watering Place

Pitship Point

Spit Pt.

Tekop Pt.

Gull Pt.

Fresh Water

Watering Place

N E W D U N G I N E S S R O A D S

B U D D S H A R B O U R

# NEW DUNGINESS ROADS
AND
# BUDDS HARBOUR
STRAITS OF FUCA
OREGON TERRITORY
THE
U.S. Ex. Ex.
1841.

| | | | | |
|---|---|---|---|---|
| New Dunginess Pt. | Lat. | 48° | 11′ | 37″ N. |
| | Long. | 125° | 04′ | 55″ W. |
| | Var. | 20° | 40′ | 00″ E. |

Scale of 2 miles.

Sherman & Smith.

# HARBOURS IN ADMIRALTY INLET

## OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

## 1841.

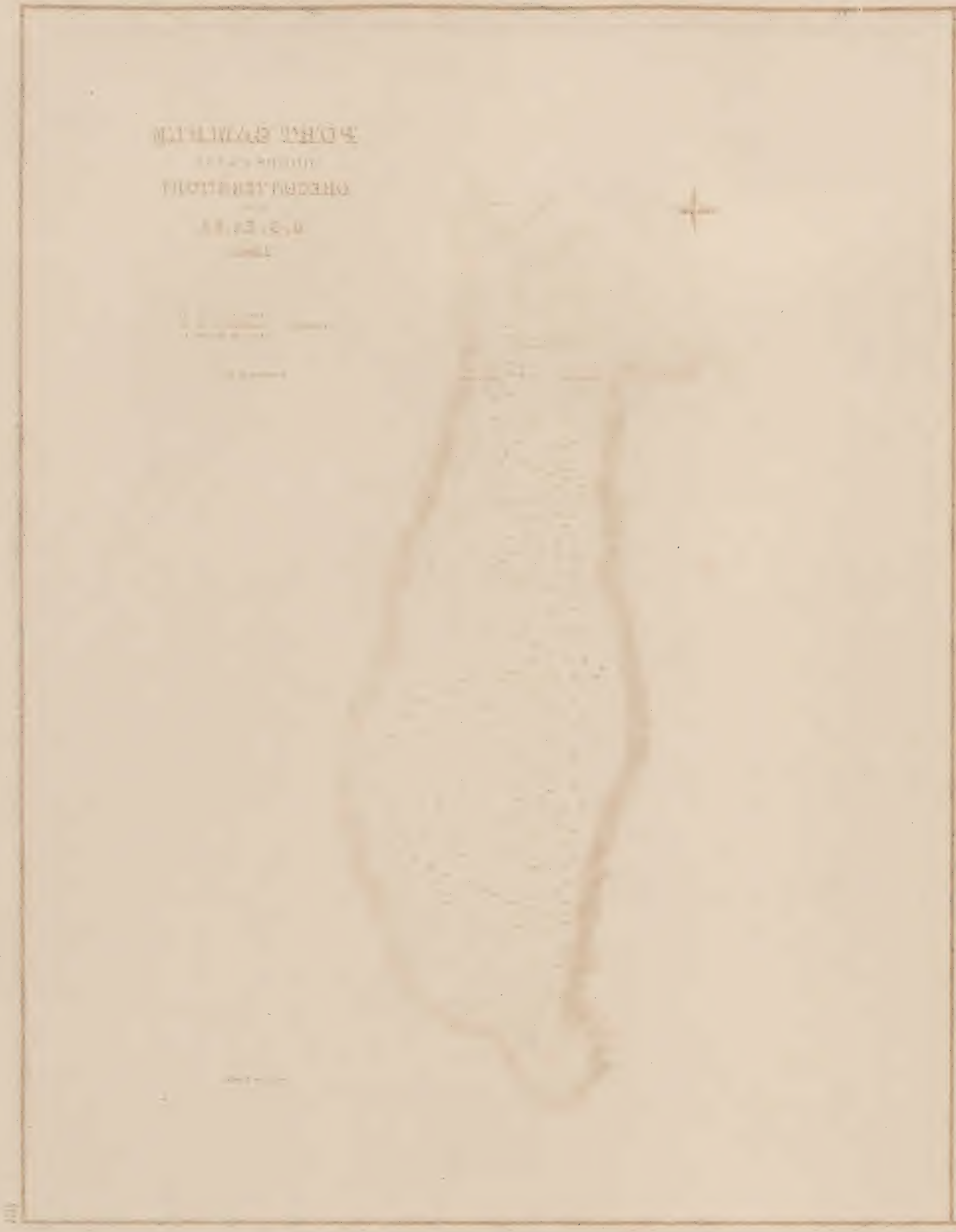
| | | |
|---|---|---|
| Point Wilson. | Lat. | 48° 08′ 39″ N. |
| | Long. | 122° 44′ 43″ W. |
| | Var. | 20° 27′ 10″ E. |

Scale of Miles

Price 75 Cents

Point Wilson
Point Hudson
Prairie bank
Pond
Sand
mud
Sand & mud
Ohuman Bluff
PORT TOWNSEND
Jack Pt.
Wolan Entrance
Weh-Weh Pt.
Flag Pt.
Kuia Pt.
Middle Pt.
Sapip Pt.
Village
Lekai Beach
Pt. Ringgold
CRESCENT PENINSULA
HARBOUR
CAVENDISH
Ariel Pt.
Hekc Pt.
Lip-lip Pt.
Saus Pt.
PORT LAWRENCE
Ship Pt.
Olele Pt.
Bare at low water
Rias Rock
Pt. Kauawi
Colvo's Rock
Snake Rk.
ADMIRALTY INLET

Eng. by Sherman & Smith, N.Y.



# PORT LUDLOW

HOODS CANAL

OREGON TERRITORY

BY THE

U.S. Ex. Ex.

1841.

Tit Point ♁ | Lat. 47° 55′ 20″ N. | Long. 122° 39′ 53″ W. | Var. 21° 00′ 00″ E.

Olele Pt.

Klas Rock
bare at low water

Pt. Knanvi

Sand and Shells

Colvos Rocks

Snake Rock
bare at low water

Sand and Shells

mud

mud and sand

Sand

Jones Bluff

Tala Pt.

Sand

Syrral Pt.

Tit Point

mud

Sand

BALLETS COVE

Sand

Bullshead

Scale of 1 mile.

# PORT GAMBLE

HOODS CANAL

OREGON TERRITORY

BY THE

U.S. Ex. Ex.

1841.

Tottens Pt. △ | Lat. 47° 51′ 23″ N. | Long. 122° 33′ 42″ W. | Var. 21° 00′ 00″ E.

*Soundings in feet.*

Tottens Pt △

Point Julia

Sand

Sand

Sand

mud

mud

mud

mud

Scale of 1 mile.

Engd by Sherman & Smith N.Y.

# COLSEFELD HARBOUR

HOODS CANAL

OREGON TERRITORY

BY THE

U.S.Ex.Ex.

1841.

△ Rose Point { Lat. 47° 46′ 58″ N.
Long. 122° 50′ 11″ W.
Var. 21° 00′ 00″ E.

1/4 1/2 3/4 1

Scale of 1 mile

# SUQUAMISH HARBOUR

HOODS CANAL

OREGON TERRITORY

BY THE

U.S.Ex.Ex.

1841.

Observatory { Lat. 47° 52′ 10″ N.
Long. 122° 38′ 30″ W.
Var. 21° 00′ 00″ E.

1/4 1/2 3/4 1

Scale of 1 mile

Drawn by Sherman & Smith

# HOOETZEN HARBOUR
HOODS CANAL
OREGON TERRITORY
BY THE
U.S.Ex.Ex.
1841.

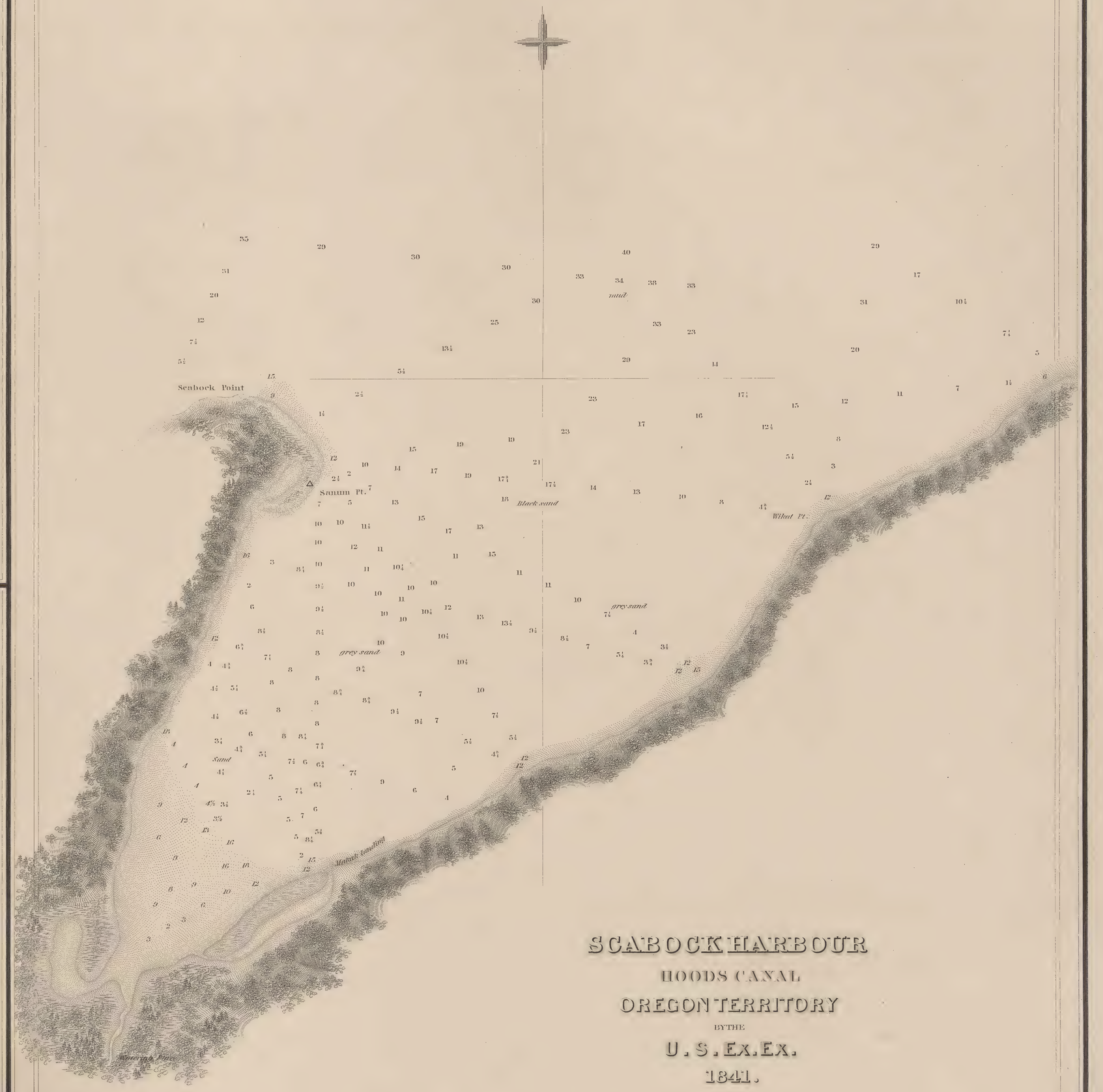
Pulali Pt. | Lat. 47° 44′ 20″ N. | Long. 122° 50′ 37″ W. | Var. 21° 00′ 00″ E.

1000 2000 3000
Scale of 3000 feet.

# TZU-SA-TED COVE
HOODS CANAL
OREGON TERRITORY
BY THE
U.S.Ex.Ex.
1841.

△ Pasisi Pt. | Lat. 47° 40′ 09″ N. | Long. 122° 50′ 57″ W. | Var. 21° 00′ 00″ E.

1000 2000 3000 4000
Scale of 4000 feet.




# SEABECK HARBOUR
HOODS CANAL
OREGON TERRITORY
BY THE
U.S.Ex.Ex.
1841.

△ Sanum Pt. | Lat. 47° 39′ 30″ N. | Long. 122° 48′ 32″ W. | Var. 21° 00′ 00″ E.

1000 2000 3000 4000
Scale of 4000 feet.

Sherman & Smith.

# CASE'S INLET
PUGET SOUND
OREGON TERRITORY
BY THE
U. S. Ex. Ex.
1841.

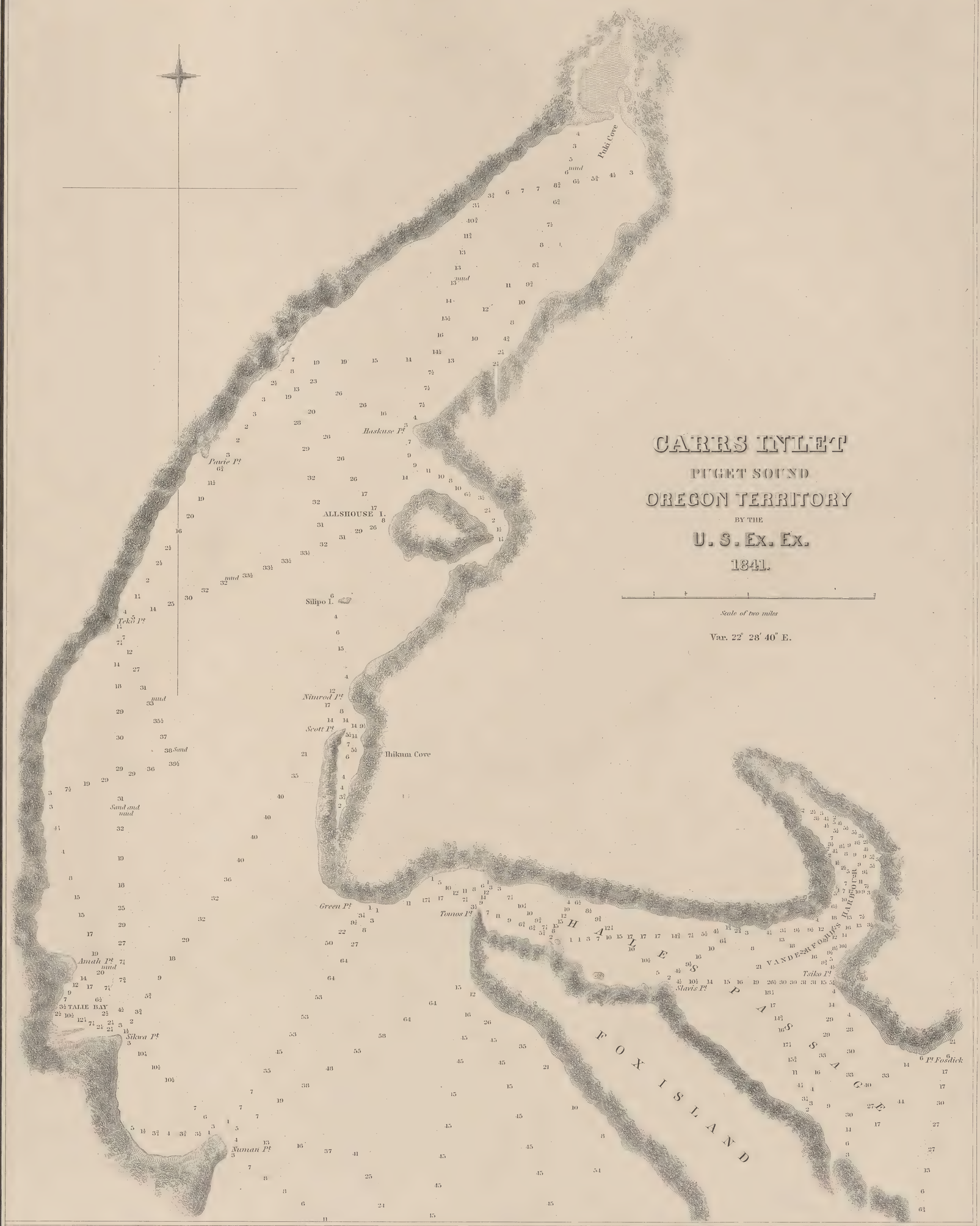
Scale of two miles

Var. 22° 28' 40" E.

# CARRS INLET
PUGET SOUND
OREGON TERRITORY
BY THE
U. S. Ex. Ex.
1841.

Scale of two miles

Var. 22° 28' 40" E.



# THE NARROWS

AT THE

## ENTRANCE OF PUGET SOUND

WITH

## COMMENCEMENT BAY

COLVOS' PASSAGE AND A PART OF

## ADMIRALTY INLET

OREGON TERRITORY

BY THE

## U.S. Ex. Ex.

1841.

Scale of Miles

Variation 22°. 28'. 40". E.

UNITED STATES ENGRAVING BUREAU
Price 13 Cents

# PORTS ORCHARD AND MADISON

INCLUDING THE INLETS AND PASSAGES

BETWEEN THEM

IN

# ADMIRALTY INLET

OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

1841.

Scale of 2 miles

Var. 22° 28′ E.

PORT MADISON

Pt. Jefferson

Pt. Monroe

Pt. Bolin

PORT ORCHARD

BAINBRIDGE ISLAND

EAGLE HARBOUR

Wing Pt.

Bill Pt.

PORT BLAKELY

Pt. Gorden

Pt. White

Pt. Glover

PASSAGE

DYES INLET

Oyster Bay

Pt. Turner

Dash Water

SINCLAIR INLET

BLAKE I.

BARRON'S BAY

Anchorage { Lat. 47′ 47′ 10″ N. / Long. 122 27 50 W. / Var. 21 11 00 E.

Pippin Pt.

Blossom Pt.

# APPLE COVE

West Side

ADMIRALTY INLET

OREGON TERRITORY

BY THE

U. S. Ex. Ex.

1841.

Scale

1000 2000 3000 4000 ft.

ENTRANCE TO PORT SUSAN

Pt. Allen

Duck Bay

Bill Pt.

Sandy Pt.

Pt. Migley

GEDNEY I.

PART OF WHIDBYS ISLAND

Pt. Elliott

Anchorage Gedney I. { Lat. 47′ 59′ 30″ N. / Long. 122 17 20 W. / Var. 20 47 00 E.

# PORT GARDNER

ADMIRALTY INLET

OREGON TERRITORY

BY THE

U.S. Ex. Ex.

1841.

Scale

1 0 1 2 miles

Triangle Cove Pt. { Lat. 48′ 11′ 15″ N. / Long. 122 20 15 W. / Var. 20 35 00 E.

Triangle Cove

# PORT SUSAN

ADMIRALTY INLET

OREGON TERRITORY

BY THE

U. S. Ex. Ex.

1841.

Scale

1 0 1 2 miles

Pt. Washington

Anchorage { Lat. 47′ 51′ 50″ N. / Long. 122 29 10 W. / Var. 21 00 00 E.

# PILOT COVE

West Side

ADMIRALTY INLET

OREGON TERRITORY

BY THE

U. S. Ex. Ex.

1841.

Scale

1000 2000 3000 feet

# DECEPTION PASSAGE

OREGON TERRITORY

BY THE

U.S.Ex.Ex.

1841.

Variation 20°. 40'. 00". E.

Scale

PERRYS ISLAND

WHIDBYS ISLAND

S. I M I L K B A Y

Kiket I.

Watsok I.

Neguamos I.

Ketshum I.

Yokeko Pt.

Heipus Pt.

Skait I.

Tosi Pt.

Hunot Pt.

Maurys Pt.

Slam I.

Little Tenit I.

Big Tenit I.

Ma Spit.

HOPE I.

Tokeana Islets

D E C E P T I O N P A S S A G E

# PENNS COVE

WHIDBYS ISLAND

OREGON TERRITORY

BY THE

U.S.Ex.Ex.

1841.

Variation 20°. 40'. 00". E.

Scale

P E N N S C O V E

DUNCANS BAY

Kalsuud I.

Watsak Pt.

# HOLMES HARBOUR

WHIDBYS ISLAND

OREGON TERRITORY

BY THE

U.S.Ex.Ex.

1841.

Variation 20°. 40'. 00". E.

Scale

M.c DONOUGHS ISLAND

Point Lowell

North Bluff

Rocky Point

East Point

South Bluff

Pt. Maury

Pt. Williams

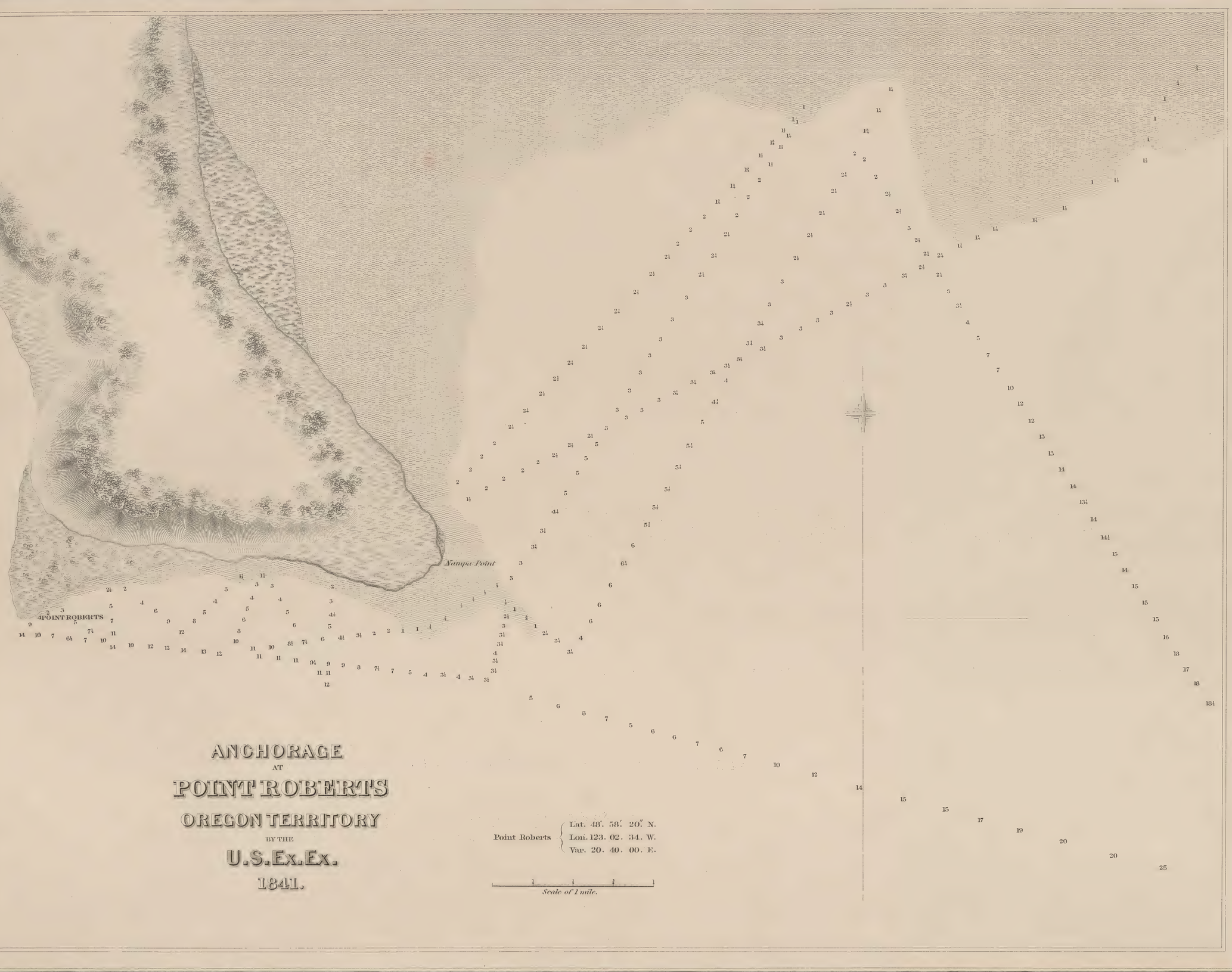
Fresh Water

Middle Pt.

Scatchet Point

North Landing

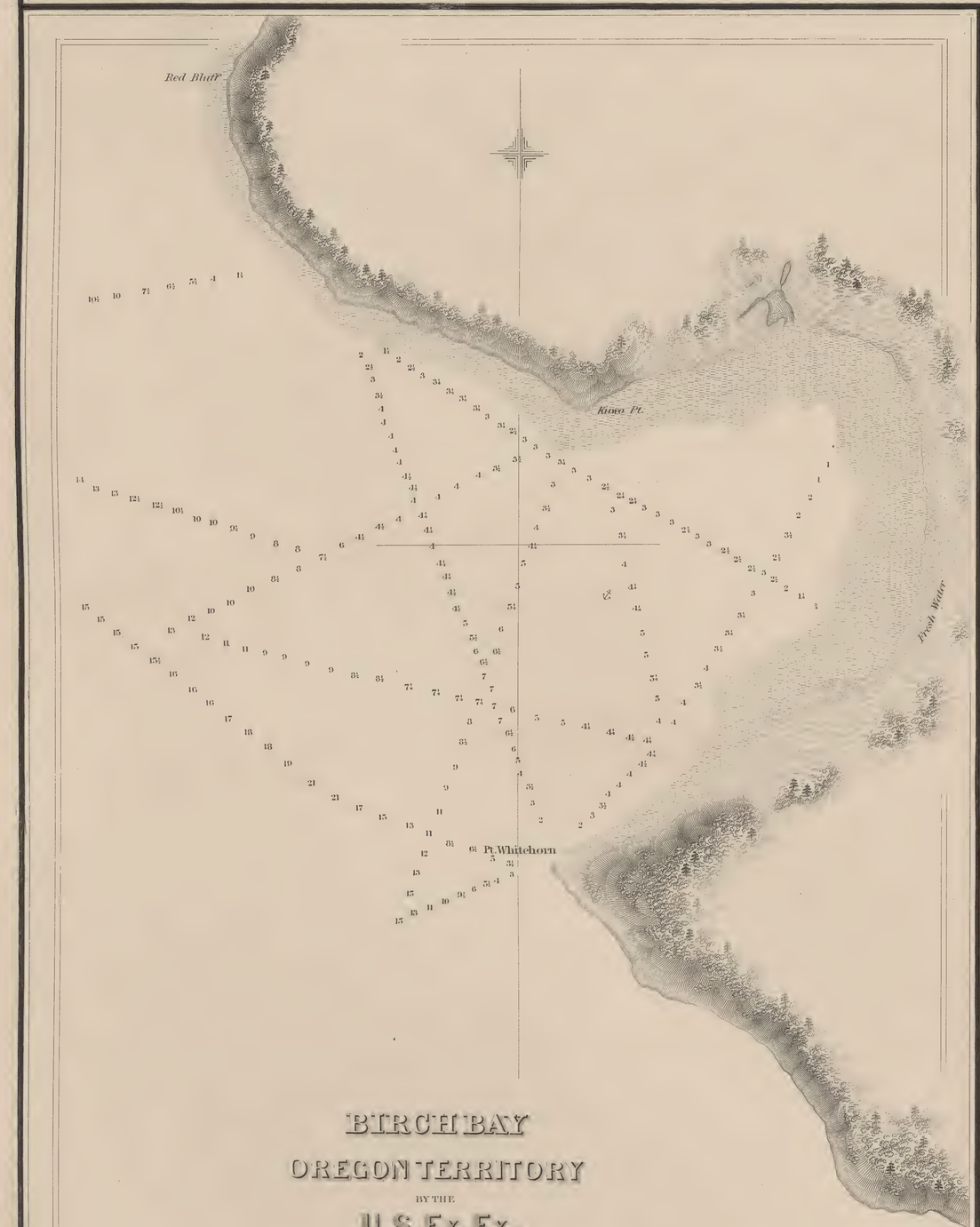
Deep Eddy




# ANCHORAGE
AT
# POINT ROBERTS
## OREGON TERRITORY
BY THE
## U.S.Ex.Ex.
## 1841.

Point Roberts { Lat. 48°. 58′. 20″. N.
Lon. 123. 02. 34. W.
Var. 20. 40. 00. E.

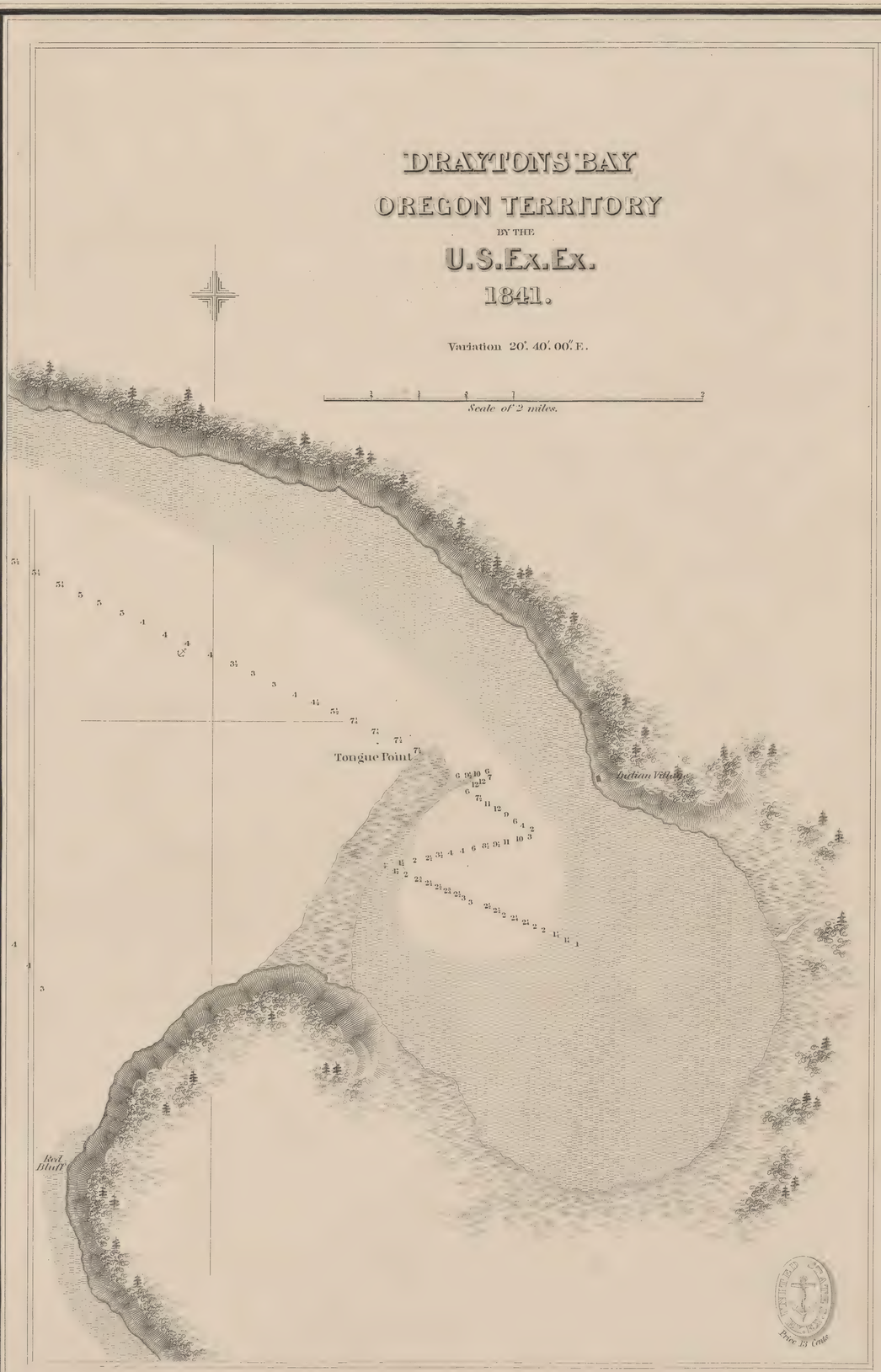
*Scale of 1 mile.*




# BIRCH BAY
## OREGON TERRITORY
BY THE
## U.S.Ex.Ex.
## 1841.

Variation 20°. 40′. 00″. E.

*Scale of 2 miles.*




# DRAYTONS BAY
## OREGON TERRITORY
BY THE
## U.S.Ex.Ex.
## 1841.

Variation 20°. 40′. 00″. E.

*Scale of 2 miles.*

Peter Es Cats

# ELLIOTT BAY

ADMIRALTY INLET

## OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

1841.

Scale ¼ ½ 1 mile

West Pt.

Hunter & Masters Cove

Tabor Pt.

Piners Pt.

Pt. Moore

Pt. Roberts

Pt. Moore { Lat. 47° 35′ 40″ N. / Long. 122 21 30 W. / Var. 21 53 00 E.

# STRAWBERRY BAY

ARCHIPELAGO DE ARRO

## OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

1841.

Scale ½ ½ 1 mile

Pt. Somerndyke

Salsbury Pt.

Hautboy I.

C Y P R E S S I.

Centre Hautboy I. { Lat. 48° 33′ 56″ N. / Long. 122 42 00 W. / Var. 20 40 00 E.

Sutton Head { Lat. 48° 31′ 40″ N. / Long. 122 31 50 W. / Var. 20 40 00 E.

# HORNET'S HARBOUR

ARCHIPELAGO DE ARRO

## OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

1841.

Scale 1 2 3 miles

LAWRENCE I.

Porpoise Rks.

Sutton Head

Peacock I.

Lawrence Head

Sachem Pt.

Xipple Pt.

PERRY I.

Raindeer Pt.

Sandford Cove

Boxer Cove

BURROWS I.

Young I.

ALLANS I.

Williamson Rocks

Pt. Sarres

STRAITS OF JUAN DE FUCA

# ARGUS BAY

PERRY'S ISLAND

## OREGON TERRITORY

BY THE

## U.S.Ex.Ex.

1841.

Scale ¼ ½ 1 mile

Anchorage { Lat. 48° 28′ 00″ N. / Long. 122 39 30 W. / Var. 20 40 00 E.

Peter Ga Corte

Entrance to the

# HARBOUR
OF
# SAN FRANCISCO

Sausalito ⊙ { Lat. 37° 50′ 50″ N. / Lon. 122° 25′ 37″ W. / Var. 15° 30′ 00″ E.

Rock
I. de los Angeles
Watering Place
Sausalito Pt.
Sausalito Bay
Rock
Needles
Lime Rks.
Los Alcatraces
Punta Diablo
Punta Boneta
Blossom Rocks
Yerba Buena
Fort
Landfall
Pta de S. Jose.
Yerba Buena Cove
Mile Rocks
Punta de los Lobos
Scale of 4 miles

# MAP OF
# SACRAMENTO RIVER
AND
# BAY OF SAN PABLO
WITH
# HARBOUR
OF
# SAN FRANCISCO
BY THE
# U.S. Ex. Ex.
1841.

Fish weir
Butes
Feather River
American Fork
NEW HELVETIA.
Suters.
Sonoma
BAY OF
SAN PABLO
Straits of Karquines
Mission of S. Rafael
Pt San Pedro
Pt San Pablo
Table Hill 2563 ft.
Molate I.
Angelos I.
1952 ft.
Yerba Buena I.
Yerba Buena Cove
Punta Boneta
Punta De Los Lobos
Presidio
Mount Diablo
Pt San Quentin
Blue Mt. 1067 ft.
Bluff
Pinos Colorados
San Antonio
San Leandro
Hog Rock
Price 15 Cents.

30′ 122° Long West of Greenwich. 30′

38′ N

Sherman & Smith.

# WAKES ISLAND

BY THE

## U.S. Ex. Ex.

## 1841.

| | | | | | |
|---|---|---|---|---|---|
| ♁ | Lat. | 19° | 17′ | 22″ | N. |
| | Lon. | 166. | 31. | 30. | E. |
| | Var. | 9. | 30. | 00. | E. |

Scale

0 1 2 Miles

# TURTLE ISLAND

BY THE

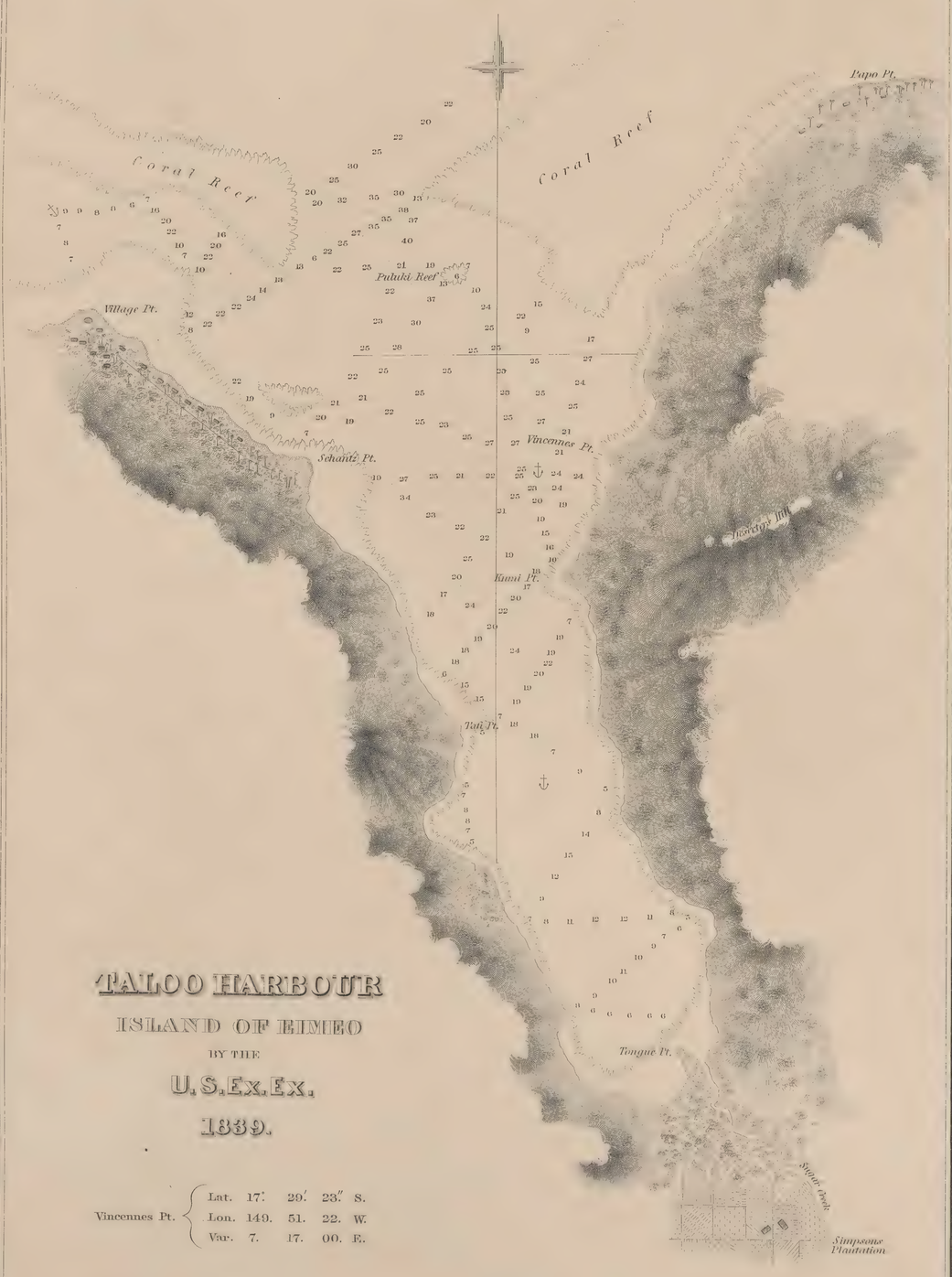
## U.S.Ex.Ex.

## 1840.

| | | | | | |
|---|---|---|---|---|---|
| Pt. Porpoise | Lat. | 19° | 47′ | 00″ | S. |
| | Lon. | 178. | 16. | 13. | W. |
| | Var. | 10. | 56. | 00. | E. |

Scale

0 1 2 3 4 Miles




# TALOO HARBOUR

## ISLAND OF EIMEO

BY THE

## U.S.Ex.Ex.

## 1839.

| | | | | | |
|---|---|---|---|---|---|
| Vincennes Pt. | Lat. | 17° | 29′ | 23″ | S. |
| | Lon. | 149. | 51. | 22. | W. |
| | Var. | 7. | 17. | 00. | E. |

Scale

500 1000 2000 feet

# UEA

OR

# WALLIS ISLAND

BY THE

## U.S.Ex.Ex.

## 1839.

| | | | | | |
|---|---|---|---|---|---|
| Elau Id. | Lat. | 13° | 24′ | 00″ | S. |
| | Lon. | 176. | 09. | 22. | W. |
| | Var. | 10. | 39. | 00. | E. |

Scale

0 1 2 3 Miles

UNITED STATES NAVY
Price 12½ Cents

6° N.
7°
8°
9°
117° Longitude E. of Greenwich.
118°
119°
120°
121°
122°

BORNEO

PART OF

Keeney balloo
Visible 100 miles
in clear weather.

Timboon
MALLOODOO BAY
Balambangan
Mallamgan Is.
Peak
Sand
BANGUEY
Tree I.
Sandboom
Mangsee Is.
Tergul I.
Lemon
Kahaulaman
Mallawalle I.
Dotoroman
Inowsal
Baranka Parandu
Mandeedaru
Kookooban
Tetbaldoo
Teegaboo
Morantaacan
Techeengan
Banceeroom
Kalamgaan
Pt. Pahahannan
Pt. Kenoolaballan
Leegan
Seependoong
Otooko
Duelong
Cuya Cuyahan
Tuggpeel
Soogool Pt.
Bille Billean
Sand I.
Omyang
Seyed
Mt Shoal
Midnight Shoal
Ternate
Rumia
Landoyan Is.
Lobarran
Cavilisan
Sedingan
Low I.
Lechceman
Boan
Banconggan
Langaan
Xoumoyan
Bahalalolis
SANDAKAN HAR.
Towsan Dongon
Tagunac
Bagnan
Pt. Kinabatangan
Maubahonawan
Tadalsam
Tambesan I.
Usang Pr.
N.E. Monsoon Current.
Tidantam
Tawi Tawi Bay
Tawi Tawi I.
Simonor
Tbosan Bagao
Towsa Mangallick
Tahow
Pearl Bank
Bassiboolt
Baliongan I.
Mantabooan
Balloo I.
Tandoo Bass
Sigboye I.
Kinapoossan I.
Maincolan I.
Babuan I.
S.W. Monsoon Current.
Parangan I.
Lapak I.
Siassi I.
Manoobal I.
Sirloon
Bato Tangopan
Soladdle I.
Boolquongpong I.
Tiara
Paragan I.
Karan R.
Parva I.
Tapool I.
Talook Is.
Kabingaan I.
Tandu I.
Lamenoosa I.
Timbosan R.
Tandubar I.
Tawi Tawi Bay
Ebb
Flood
Tidal Currents
Tidal Currents
N.E. Monsoon Current.
Meet for Current.
Pala I.
Doing Doing
Tambolean
Sooloo Island
Tandoo Bato
Tandoo Bato
Tandoo Bato

# CHART

*OF THE*

# SOOLOO SEA

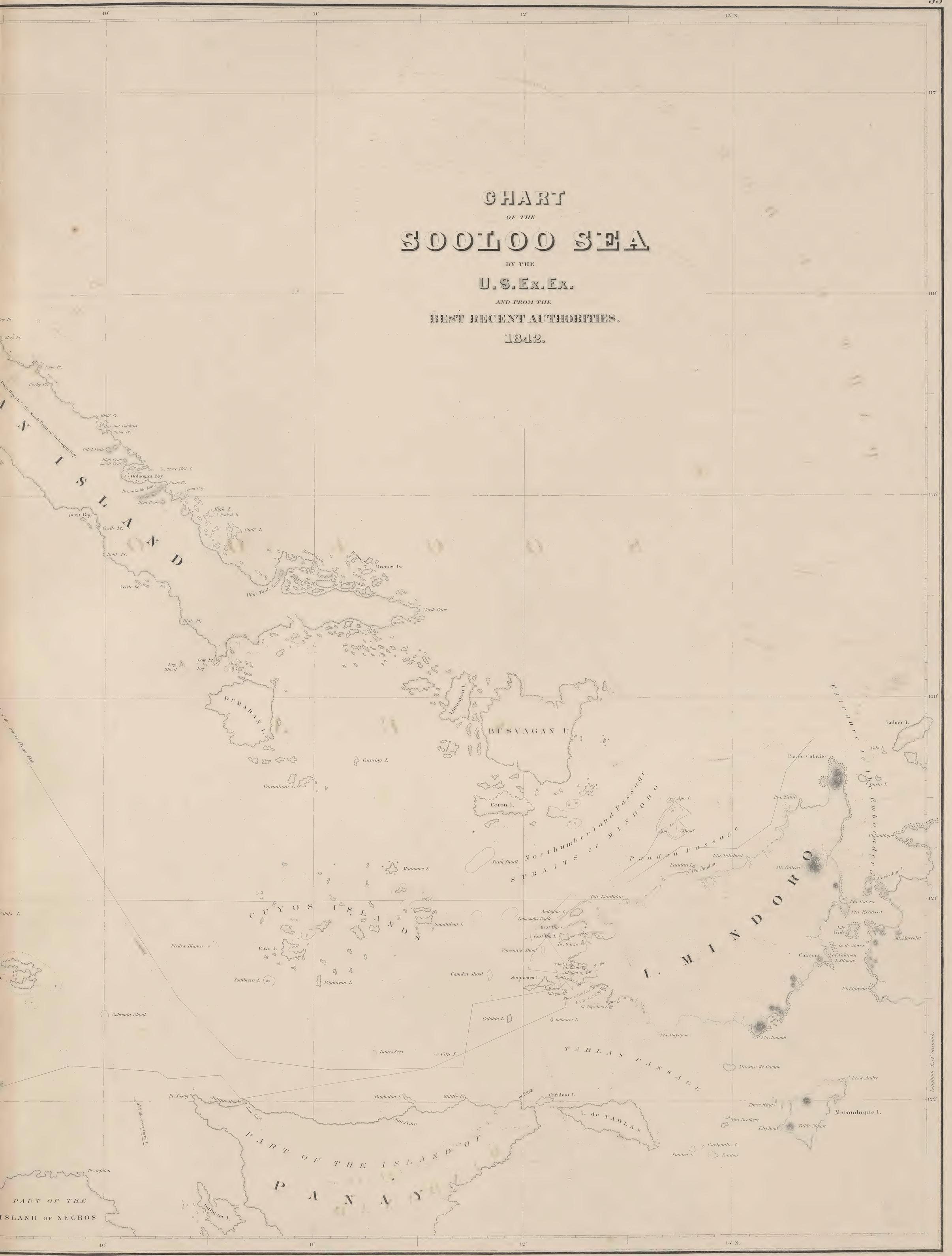
BY THE

## U.S. Ex. Ex.

*AND FROM THE*

## BEST RECENT AUTHORITIES.

1842.



# CHART
OF THE
# SOOLOO SEA
BY THE
## U.S.Ex.Ex.
AND FROM THE
## BEST RECENT AUTHORITIES.
1842.

PART OF BORNEO

SOOLOO SEA

PALAWAN ISLAND

MINDANAO

PART OF THE ISLAND OF NEGROS

PANAY

I. MINDORO

BUSUANGA I.

CUYOS ISLANDS

TABLAS PASSAGE

Northumberland Passage

STRAITS OF MINDORO

SOOLOO ISLANDS

BASILAN I.

TAWI TAWI I.

DUMARAN I.

TABLAS I.

MARINDUQUE I.

Cagayanes Is.

Pearl Bank

MALEOOOOD BAY

LABOOR BAY

SIMONORON HAR.

Balabac Str.

Sulu Sea

Longitude E. of Greenwich

# CHART
OF
# SOOLOO ISLAND
AND
## ADJACENT ISLANDS
BY THE
## U.S.Ex.Ex.
AND
## SPANISH AUTHORITIES
## 1841.

PATAKONAN I.
BOOBOOAN I.
Mitis I.
Kanigan I.
Lakal Lakal I.
Begad I.
Tinc Tinc I.
PALYANCAN I.
Tokal Langitan
PANCASINAN I.
Datal R.
Torej Torej
Mirongas I.
Sobokon Bolot
Pt. Pyangapik
Kogloong Pt.
Kowrigan
Hogasan
Balanapoin Pt.
Pandaman Pt.
Paglubu
Pangamak I.
Pagnakan Pt.
Bankoongan I.
Koohangan I.
Bilinan I.
KAPOOAL I.
Mt. Tolok
Boombuan
Took Took Pt.
Mt. Bandola
Mt. Pyramid
Mt. Kantedan
Pt. Mangales
Malanda
Bolobolo
Pt. Kanghea
Kanghea
Pt. Pongal
Tubcan I.
Pabalbeal Pt.
Semoogan
Tandc Temontagio
Toolyan I.
Bogal
Soo-ok
Boote Kootin I.
Sapang
Karang
Pt. Tandoo
Mt. Tampalan
Mt. Dalsoli
Mt. Cawah
Mt. Bengaman
Pt. Sibangaan
Took Mt.
Mt. Malangtan
Pt. Bonwet
Parang
Mayamboan
Pt. Pole
Pt. Serrosogang
Batchoha
Pt. Todoo
Pt. Oongan
Pt. Labook
Mt. Bamboo
Pt. Karindato
Tamboleau I.
Doug Doug I.
Palcom I.
Pammokan I.
Loombcan I.
Toomabal I.
PATA I.
SOOLOO SEA
PANGUTTLONG
TAWI TAWI
CANOA

Prov. Hydr. Office

120° 50′ | 121° Long East from Greenwich | 10′ | 20′

# STRAITS OF MINDORO

SOOLOO SEA

BY THE

## U.S. Ex. Ex.

1841.

Scale of 30 miles.

I. de Cabras or Goat I.
Ambil
Luban I.
Calagan I.
Pt. Santiago
Mt. Marcolot
Toto I.
Pt. Calumpan
Entrance to the Embocadero
Camelo I.
Maricaban I.
Pt. Sigayan
Pta. Galera
I. Verde
Pt. St. Andre
Pta. de Calavite
Pts. of Calavite
Is. de Bacos
Is. Silonay
Maranduque I.
Paloon Bay
Mt. Galera
Pta. Calapan
Calapan
Pta. Tabuli
I. MINDORO
Tabl. Mt.
Three Kings
Elephant
Ens.a de Polac
Pta. Dumah
Pta. Talabasi
Maestro de Campo
Two Brothers
Pandan I.
Pta. Pandan
Bauton
Bauloinito I.
Simara I.
Apo I.
Apo Shoal
Pta. Dayagan
Pta. Laminlao
I. Buyallao
I. de Tablas
Pt. Maigam
Usmarigo Bay
Maujao
I. de Sogoicay
West Ylin I.
Tambaron I.
Ambolan I.
East Ylin I.
I. Libagao
Influenza I.
Carabao I.
Busvagan Island
Vincennes Shoal
Semarara I.
Fulmouth's Bank
Pt. Potol
Caluhia I.
Siam Shoal
Camden Shoal
Middle Pt.
Quinilubun I.
Bagbatan I.
Manamoc I.
CUYOS ISLANDS
Cap t.

Scale of five miles.

Apo I.

## APO SHOAL

Apo I. { Lat. 12° 42′ 30″ N. / Long. 120° 30′ 00″ E. / Var. 1° 08′ 00″ E.

# TONGATABOO HARBOUR

ISLAND OF TONGATABOO.

BY THE

## U.S. Ex. Ex.

1840.

Pangaimotu I. { Lat. 21° 07′ 00″ S. / Long. 175° 11′ 00″ E. / Var. 9° 05′ 00″ E.

Scale of five miles.

Kana Reef
N.W. Channel
North Channel
Broken Coral patches
Anne Eliza Reef
West Passage
Cooks Patch
Tasmans Roads
Kings Patch
Ata
MARINERS ROADS
GREAT REEF OF FINAU
Van Diemans H.
Vuna
Futaa
Vilihoa
Vincennes Reef
Monifa
Mariners Pt.
Magonia
ASTROLABE GUT
Pangaimotu
Maurina
Oneata
Eoa I.
Mumui Pt.
Nukulofa
Mafanga
Ningu Nugu I.
Pt. George
Mufa Pt.
Mufa Channel
East Pt.
ISLAND OF TONGATABOO

# ANTIQUE ROADS

WEST END OF THE

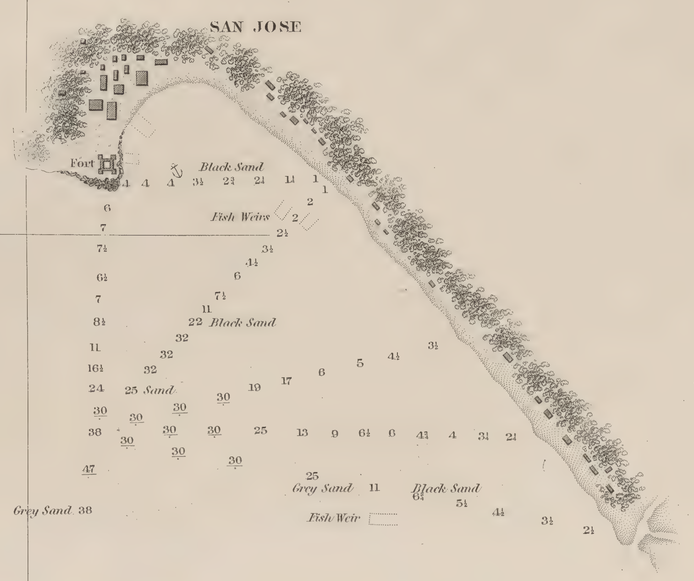
## ISLAND OF PANAY

## SOOLOO SEA

BY THE

## U.S.Ex.Ex.

1842.




Fort { Lat. 10°. 40′. 00″. N. / Lon. 121. 59. 30. E. / Var. 1. 00. 00. E.

Scale of 1 mile.

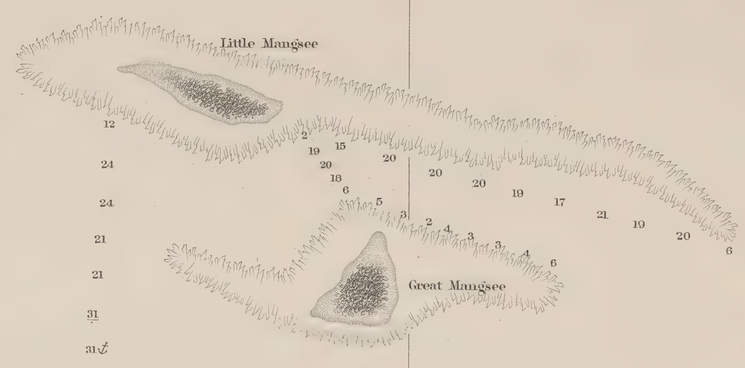
# MANGSEE ISLANDS

## STRAITS OF BALABAC

BY THE

## U.S.Ex.Ex.

1842.




Centre of Little Mangsee { Lat. 7°. 30′. 04″. N. / Lon. 117. 17. 11. E. / Var. 0. 15. 00. E.

Scale of 2 miles.

# CALDERA BAY

WEST END OF THE

## ISLAND OF MINDANAO

## SOOLOO SEA

BY THE

## U.S.Ex.Ex.

1842.

Caldera Fort { Lat. 6°. 55′. 40″. N. / Lon. 122. 00. 45. E. / Var. 0. 13. 00. E.

Scale of 1 mile.

# SOUNG ROADS

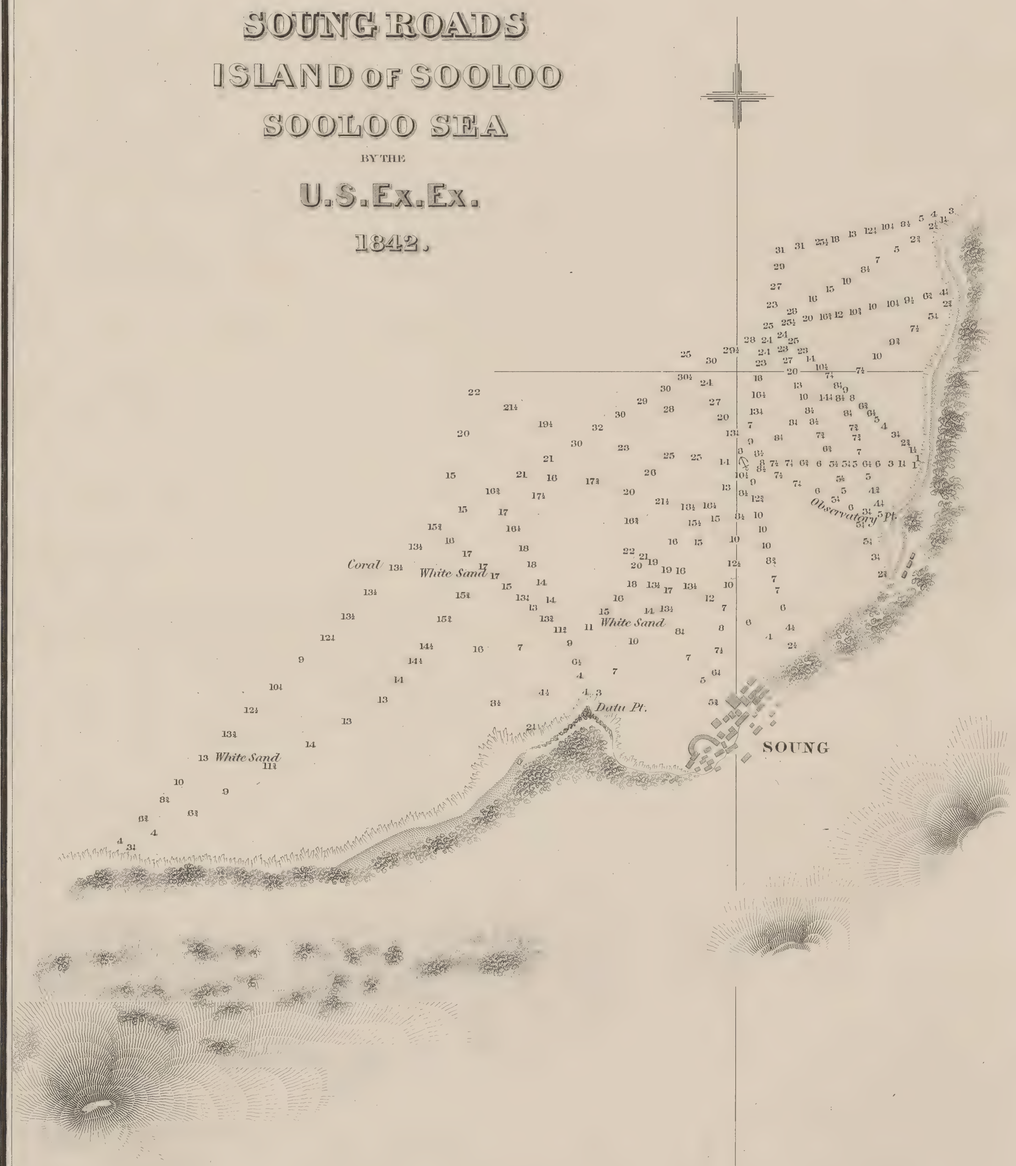
## ISLAND OF SOOLOO

## SOOLOO SEA

BY THE

## U.S.Ex.Ex.

1842.




Observatory Point { Lat. 6°. 01′. 00″. N. / Lon. 120. 55. 51. E. / Var. 0. 08. 00. W.

Scale of 2 miles.

UNITED STATES
Price 12½ Cents

# CHART
OF THE
# STRAITS OF BALABAC
OR
## WESTERN ENTRANCE TO THE SOOLOO SEA
BY THE
## U.S.Ex.Ex.
## 1842.

Centre of Little Mangsee { Lat. 7° 30′ 04″ N. / Lon. 117. 17. 11. E. / Var. 00. 15. 00. E.

*High Water F. & C. X^s 30^m*

PART OF THE ISLAND OF BALABAC

Candalamun

Loombocoan I.

Sandy Isle

Turtle Shoal

Bilde de Mer Shoals

Sinanahan I.

Saltwingan I.

Little Mangsee

Great Mangsee

Canoe Reef

Helle Reef

Track of the U.S. Ship Vincennes 1842.

N. Cookoocan

E. Cookoocan

Kahamkamman

Baloondangan

T. Seoggoot

Mangoathe Is.

Kalankaman I.

T. Comple.

NORTH PART OF THE ISLAND OF BALAMBANGAN

ISLAND OF BANGUEY

T. Bootteon

T. Mangamgit

Pt. of Banguey

Lon. E. of Greenwich

66

# CHART
OF THE
# STRAITS of BASILLAN
## AND ISLANDS
BY THE
## U.S.Ex.Ex.
AND THE
## BEST AUTHORITIES.
## 1842.

121° 20′ | 121° 40′ | 122° 00′ | 122° 20′

SULOO SEA

PART OF THE ISLAND OF MINDANAO

Damaloc Pt.
Caldera Bay
Pt. Panglidan
Reef
Sambuangan
Is. de Sta. Cruz
Pt. Baleta
Tab Taboon
Maupin I.
Masinlot I.
Sacul I.
Lavac I.
Anapuyan I.
Mata I.

STRAITS OF BASILLAN

Saddle I.
Sibago I.
Manalipa or Cocos I.
Soundings in from 10 to 35 fathoms along this shore.
North Cape
Nogaroo Pt.
Broken ground
Malaomoi I.
Gabawang
East Point
Deadman
Nasaradin I.
Banjar Islets
Batua Bay
One flood in 24 hours
MALOSA BAY
Little Gowenen
Great Gowenen
Malosa River
Watering Place
Kangnigat Pt.
Teyngalakkit I.
Teyngalom I.
Mataha I.
Oodel
Dawan
Teykela
Sangapanalle
Teypoonoo I.
Tumook I.
Kamkoman I.
Lanawan I.
Boobooan I.
Tapeantana I.
Tapeantana Channel
PILAS I.
PILAS CHANNEL
Tagoulo
Bookoongan
Meenes Meenesan
Oblongan I.
Triangalo I.
Pesoan I.
Langan I.
Duss I.
Bato Balan
North Pt.
South Pt.
Coral Patches
Boosoo
Ballook Ballook
Sallecollakkit
Dallam I.
Kalalalah I.
Griffin Rocks
Sanghays
Tyngo I.

6° 30′ N.

Longitude East from Greenwich

100

# CHART
OF THE
# STRAITS OF RHIO
BY THE
## U. S. Ex. Ex.
AND THE BEST
## DUTCH, ENGLISH and NATIVE AUTHORITIES
## 1842.

Variation 2°. 13′. 00″. E.

STRAITS OF SINGAPORE

PULO BATTAM

PULO BULAN

PULO GAMPANG

PULO GALLAT

PULO RHIO

PULO BINTANG

PULO LINGA

PULO PATONG

DUMPOSTRAITS

Abang Pass

Little Bintang 760 feet.

Bintang Hill 1212 feet.

Mt. Zuidel

Po. Nangca

Broome Pt.

Bombay Pt.

Dolphin R.

Po. Argina

Layne Pt.

Bat Shoal

Malang ayang Pt.

Malang ayang Reef

Kalong Pt.

Kerri I.

Malang Isld.

West Pt.

Batu Sisat

Vista R.

Bay of Bintang

Little Luban

Luban

Luban Bank

Batu Berlayer

Batu Radjet

Batu Tiga

Batu Sembang

Batu Pandan

Batu Berlayer

Batu Pandan

Batu Bontor

Bontor I.

Begus Bank

hard sand

Klinking Pt.

Po. Sengarang

Tercola

Mimosa Shoal

Po. Beringat

Bay of Rhio

Rhio

Mosse Pt.

Po. Sotoongoo

Bassing

Po. Torsladop

Batu Babi Pt.

Pulo Sera

Mahsa Isld.

Benson Isld.

Aspen Isld.

Po. Garpang

Pt. Orin

Mahsa Bank

Pompon

Flood Tide

good holding ground

Rotherland Bank

Tigres or Rye Isld.

Alligator Reef

May Reef

Alligator I.

Po. Heleop

Gunus I.

Bibbop Reef

Table Hill

mud

Talang or South I.

Falcon Isld.

Flood 2½ miles

Little Patong

Patong

Elephant Rocks

Great Abang or Browns I.

Little Abang or Barn I.

Fowler R.

Pt. Ayre

Po. Way

Odik

Selanga Is.

Kalang

Nepon

Pt. Ali

Tatapan

Kling

Binang

Messina

Pompon Shoal

Entered according to Act of Congress

10′ 10′ 20′ Long. East from Greenwich 30′ 40′

# SOUTH AND EAST SIDE
OF
# VANUA LEVU
FROM
SAVU SAVU BAY *TO* NATAVA BAY
# FEEJEE ISLANDS
BY THE
## U.S.Ex.Ex.
1840

Scale

Saddle Peak
Elds Pt.
Black Pt.
Uvi Inlet
Maawa Knoll
Mt Yawai
Dow Knoll
Ecwai Pt
Chiefs Knoll
Susu
Black Pt
Rock passage
Haven
Nabouma Har.
Rocks
Foam Har.
Baine Har.
Mt Yase
Nabouni
Nabouni I.
Bush I.
Tecoseva I.
Kopu
Enyada I.
Benedict I.
Rativa I.
Tecoseva Pt
Lavena Pt
Mt Cocoanut
Long Pt
Boat Passage
Larry's Reef
Nicbee Pt
Rifle I.
Lake Inlet
Tomé I.
Tokonova Pt
Baine I.
Brown I.
COROLIB OR GOAT I.
Somu Somu
Sand bank
SAVU SAVU BAY
KATAKAI I.
Wioma Inlet
Hot Springs
Wailea
Lumi I.
Vuso Pt.
Nukabalab
Hupo Pt.
Malu Islets
Reef
Entrance
Kole Pt.
Kotuho I.
Wanaba
Green Pt.
Lotu
Lotu Bay
Reef Bay
Boat passage
Naranga I.
Leopard harbor
Hope I.
Grahams Pt.
Coral Islets
Melo Pt.
SUSU BAY
Flood
Ebb
EASTERN PART OF VANUA LEVU
NATAVA BAY
Mt Ulu
Dawson's Head
Anchor reef
Tamba Pt
Natava Pt
Pt Coxcomb
Vava Pt
Tatu reef
Lina Pt
Foam reefs
RAMBE I.
Mbui Pt
Tamba reef
Brothers
Lina reef
Vava I.
Mbutu Pt
Mamu I.
Saro Pt
Kalo I.
Mataponi
Pt Carter
Port Sulfert
Cooks Pt
KEA I.
Rohmea
Ureure Pt
Corodondow Pt
MATAPONI BAY
Mela Mela Pt
Sister reefs
DODO BAY
Kuku I.
SOMOSOMO STRAITS
VUNA I.
Ebb
Flood
Malolo Pt.

102

# ISLAND OF VATU LELE

FEEJEE GROUP

BY THE

U.S.Ex.Ex.

1840.

Scale

½ ½ 1 2 9 Miles

Remoremo Pt. { Lat. 18° 31′ 30″ S. / Long. 177° 34′ 30″ E. / Var. 9° 20′ 00″ E.

Flying Fish Reef

# ISLAND OF VANUA VATU

FEEJEE GROUP

BY THE

U.S.Ex.Ex.

1840.

Centre of Island { Lat. 18° 22′ 00″ S. / Long. 179° 21′ 00″ W. / Var. 9° 20′ 00″ E.

Scale

½ ½ 1 2 Miles

# TOVA REEF

FEEJEE GROUP

BY THE

U.S.Ex.Ex.

1840.

Scale

¼ ¼ ½ Mile

Entrance { Lat. 18° 33′ 00″ S. / Long. 179° 36′ 00″ W. / Var. 9° 20′ 00″ E.

Price 13 Cents

# NEMENA
OR
# DIRECTION ISLAND
FEEJEE GROUP
BY THE
## U.S.Ex.Ex.
1840.

Observatory Bluff { Lat. 17° 06′ 36″ S. / Lon. 179. 07. 21. E. / Var. 9. 30. 00. E.

Scale — 2 Miles

# HORSE SHOE REEF
FEEJEE GROUP
BY THE
## U.S.Ex.Ex.
1840.

Scale — 1 Mile

Crust Pt. { Lat. 17° 37′ 15″ S. / Long. 179° 20′ 15″ E. / Var. 9° 40′ 00″ E.

# AMBATIKI ISLAND
FEEJEE GROUP
BY THE
## U.S. Ex.Ex.
1840.

Scale — 2 Miles

Tree Hill { Lat. 17° 46′ 30″ S. / Long. 179° 10′ 30″ E. / Var. 9° 37′ 00″ E.

Price 13 Cents

PORT RIDGELY

VANUA VALAVO

FEEJEE ISLANDS

BY THE

U.S.Ex.Ex.

1840.

Scale 1 2 3 miles

TUBOU HARBOUR

TASMANS STRAITS

FEEJEE ISLANDS

BY THE

U.S.Ex.Ex.

1840.

Scale 1 2 3 miles

WAILEVU

OR

PEALE'S RIVER

VITI LEVU

BY THE

U.S.Ex.Ex.

1840.

Scale 1 2 3 4 5 miles

Var. 9° 30′ 00″ E.

UNITED STATES EXPLORING EXPEDITION
Under C. Wilkes

The Hackman Bindery, Inc.
N. Manchester, Ind.
JAN 1961
"Bound To Please"